

Data Set Report

APPROVED



ASPIRUS 5-5-2026

WVHN

_____ a(n) _____ corporation
(Name) (State Incorporated)

_____ (Address) _____ (City, State, Zip)

WVHN acknowledges that WVHN's unique data set (Customized Data Set) has been developed by WVHN in accordance with WVHN's best practices protocols, for use with BD Alaris™ Guardrails™ Suite MX Software. WVHN acknowledges that it is the owner of the Customized Data Set and, as such, is solely responsible for the development, verification and usage of the Customized Data Set in accordance with WVHN's best practices protocols.

At WVHN's request, BD personnel may assist WVHN with the upload of WVHN's Customized Data Set pursuant to the BD Alaris™ SmartServicesSM Implementation Program or other service agreements.

Further, WVHN acknowledges that the person signing this agreement on behalf of WVHN is authorized to execute this agreement on behalf of WVHN.

Signature	Name	Title	Date
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1. Current Data Set Status

Data Set Name	ASPIRUS 5-5-2026
Hospital Name	WVHN
Data Set ID	0318b884d-A
Data Set Status	Approved
Last Changed On	5/4/2026 16:39
Filename	C:\Users\b10035\OneDrive - Aspirus Inc\Documents\Guardrails Editor\031669cde-R.gr

2. Drug Library by Profile

2.1 Ambulatory Oncology

2.1.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		N/A	Continuous gram/h	1	2	5	1									
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
daratumumab 90 min --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	11.5		13.5	12.8	3		3.4	3.2	0.09		0.12	0.106	Bolus
elotuzumab --- mg / --- mL	X		YES	Continuous mg/kg/min	0.017		0.4										Elotuzumab
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	
Gammagard 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	
Gamunex - C 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Aralast/Glassia rate	
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	1,000											Filter1.2/hypers ens

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	30	75									Insulin advisory	
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
mirvetuximab soravta --- mg / --- mL	X		YES	Continuous mg/min	0.5	5	5.2	1								Filter/hypersen/ D5W	
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
Obinutuzumab 1,000 mg dose 1,000 mg / 250 mL (4 mg / mL)	X		N/A	Continuous mg/h	25	400		50								Saline only	
Obinutuzumab 900 mg dose 900 mg / 250 mL (3.6 mg / mL)	X		N/A	Continuous mg/h	25	400		50								Saline only	
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Subsequent - 3.5 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab Subsequent -2 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	60		360	120								Filter 0.2 Micron	

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Octagam 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	200		50	25	175			12	25		12.5	
ofatumumab Initial Dose 300 mg / 1,000 mL (0.3 mg / mL)	X		N/A	Continuous mg/h	3.6		120									Hypersensitivity	
ofatumumab Subsequent Doses 1,000 mg / 1,000 mL (1 mg / mL) 2,000 mg / 1,000 mL (2 mg / mL)	X		N/A	Continuous mg/h	25		800									Hypersensitivity	
Panzyga 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
patisiran 30 mg / 200 mL (0.15 mg / mL) --- mg / --- mL	X		YES	Continuous mg/min	0.045	0.45										1.2 micron filter	
Privigen 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500									No filter required	
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4								Proteinase rate note	
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Proteinase rate note	

Continuous/Bolus - Non-Anesthesia Drugs - Ambulatory Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

2.1.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Ambulatory Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
CMV immunoglobulin WeightBased	X		mg/mL	49		51
daratumumab 90 min WeightBased	X		mg/mL	0.5	1	6.4
elotuzumab WeightBased	X		mg/mL	0.8	1.3	10
Flebogamma 10% WeightBased	X		mg/mL*	99		101
Gammagard 10% WeightBased	X		mg/mL*	49		101
Gamunex - C 10% WeightBased	X		mg/mL*	99		101
Glassia WeightBased	X		mg/mL	15		25
inFLIXimab NonWeightBased	X		mg/mL	0.3	0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
mirvetuximab soravta NonWeightBased	X		mg/mL	0.9	1	2

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Ambulatory Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
morphine NonWeightBased	X		mg/mL	0.9		1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
Octagam 10% WeightBased	X		mg/mL*	99		101
octreotide NonWeightBased	X		mcg/mL	1		6
Panzyga 10% WeightBased	X		mg/mL*	99		101
patisiran NonWeightBased	X		mg/mL	0.03	0.045	0.15
Privigen 10% WeightBased	X		mg/mL*	99		101
Prolastin-C WeightBased	X		mg/mL	35		60
Wilate NonWeightBased	X		unit/mL	80	90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4

* Units Only concentration and Dosing Units have different units of measure.

2.1.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Ambulatory Oncology																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin <i>Anesthesia only</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	N/A	Continuous unit/h	0.2	30	75									

2.1.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.1.5 Intermittent Drugs

Intermittent Drugs - Ambulatory Oncology																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Low sorb and filter
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		4.9	5.1	Irritant w/ vesicant
Acetaminophen <i>pt weight < 50kg</i>	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	
Acetaminophen <i>pt weight >= 50kg</i>	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
ADO-trastuzumab <i>First Dose</i>	X	X	mg/kg	2		4	--- mg / --- mL	X		01:20		02:00	01:30	mg/mL	0.4		1.75	Irr w/ ves low-sorb
ADO-trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	2		4	--- mg / --- mL	X		00:25		02:00	00:30	mg/mL	0.4		1.75	Irr w/ ves low-sorb
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL) 25 gram / 100 mL (0.25 gram / mL)	X			00:15	01:00		n/a				
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
alemtuzumab	X	X	mg	3	30		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.03	0.3	Protect From Light
amifostine	X	X	mg/m2	200	910		--- mg / --- mL	X			00:03	00:30	00:05	mg/mL		1	50	
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
amivantamab <i>Week 1 Day 1</i>	X	X	mg	340	360		350 mg / 250 mL (1.4 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
amivantamab <i>Week 1 Day 2</i>	X	X	mg	650	1,410		700 mg / 250 mL (2.8 mg / mL)	X			02:30	10:00	05:00	n/a				Filter 0.2 Micron
							1,050 mg / 250 mL (4.2 mg / mL)	X			04:30	14:00	08:00	n/a				
							1,400 mg / 250 mL (5.6 mg / mL)	X			04:30	16:00	10:00	n/a				
amivantamab <i>Week 2</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			02:30	06:00	03:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			03:30	08:00	04:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			03:30	08:00	04:00	n/a				
amivantamab <i>Week 3</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			02:30	06:00	03:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			02:30	06:00	03:00	n/a				
amivantamab <i>Week 4</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
amivantamab <i>Week Subsequent</i>	X	X	mg	1,040	2,110		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a				
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a				
							2,100 mg / 250 mL (8.4 mg / mL)	X			01:30	04:00	02:00	n/a				
ampho B <i>(LIPOSOMAL)</i>	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	D5W and light
amphotericin B <i>Standard Dosing</i>	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	D5W and light
amphotericin B <i>Blasto load < 100 KG</i>	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	D5W and light
amphotericin B <i>Blasto load >= 100KG</i>	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				D5W and light
amphotericin B <i>Blasto Maintenance</i>	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	D5W and light
ampicillin	X	X	gram	0.2	12		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							12 gram / 500 mL (0.024 gram / mL)	X		22:00	23:00	25:00	24:00	n/a				
--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005			0.1							
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
							1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
anakinra	X	X	mg	90	210		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		1	5	
andexanet alfa	X	X	mg	400	960		400 mg / 40 mL (10 mg / mL)	X			00:13	00:30	00:14	n/a				
							480 mg / 48 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				
							800 mg / 80 mL (10 mg / mL)	X			00:25	00:40	00:27	n/a				
							960 mg / 96 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				
arsenic trioxide	X	X	mg/kg	0.1	0.3		--- mg / --- mL	X			00:55	04:10	02:00	mg/mL		0.02	0.2	
asparaginase	X	X	unit/m2	23,000	27,000		--- unit / --- mL	X		00:30		02:00	01:00	unit/mL		150	600	Hypersensitivity
Atezolizumab First Dose	X	X	mg	830		1,690	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X			00:25	01:20	01:00	n/a				
							1,680 mg / 250 mL (6.72 mg / mL)	X			00:25	01:20	01:00	n/a				
Atezolizumab Subsequent Doses	X	X	mg	830		1,690	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	00:30	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X			00:25	01:20	00:30	n/a				
							1,680 mg / 250 mL (6.72 mg / mL)	X			00:25	01:20	00:30	n/a				
ATGAM-lymph horse Ig	X	X	mg	2	45		--- mg / --- mL	X		01:45	03:30	12:00		mg/mL		0.9	4	
avelumab	X	X	mg	795	805		800 mg / 250 mL (3.2 mg / mL)	X			00:55	02:00	01:00	n/a				filter low-sorbing
axatilimab	X	X	mg	6	35		23 mg / 50 mL (0.46 mg / mL)	X			00:20	01:00	00:30	n/a				
							35 mg / 50 mL (0.7 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.24	0.75	
azactidine	X	X	mg/m2	37	100		--- mg / --- mL	X		00:05		00:40	00:10	mg/mL		0.5	5	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X			00:50		03:00	01:00	mg/mL		0.5	2.5
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2	
belantamab mafodotin	X	X	mg/kg	1.7	2.7		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		0.2	2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low-sorbing filter
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
bendamustine HCl BendeKa	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	Irritant w/ vesicant

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
bendamustine HCl <i>Treanda</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	Irritant w/ vesicant
Bevacizumab FIRST	X		mg/kg	5	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		1	25	
bevacizumab subseque <i>10 mg/kg doses</i>	X	X	mg/kg	9	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>15 mg/kg doses</i>	X	X	mg/kg	14	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>5 mg/kg doses</i>	X	X	mg/kg	4.5		8	--- mg / --- mL	X			00:09	01:00	00:15	mg/mL		1	25	
bevacizumab subseque <i>7.5 mg/kg doses</i>	X	X	mg/kg	7		8.5	--- mg / --- mL	X			00:12	01:00	00:15	mg/mL	1		25	
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X			00:05	01:00	00:15	unit/mL		0.1	3	Irritant w/ vesicant
brentuximab	X	X	mg/kg	1	2		--- mg / --- mL	X			00:25	00:45	00:30	mg/mL		0.4	1.8	Irritant w/ vesicant
Cabazitaxel	X	X	mg/m2	20		30	--- mg / --- mL	X		00:45		01:45	01:00	mg/mL	0.1		0.25	Low-Sorbing
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL			10	200
CARBOplatin	X	X	mg	100	900		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL		0.6	3.6	Irritant
carfilzomib	X	X	mg/m2	15	73		--- mg / --- mL	X			00:10	00:45	00:30	mg/mL		0.2	2	
carmustine	X	X	mg/m2	65	210		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.1	0.3	Irritant w/ vesicant
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							3 gram / 100 mL (0.03 gram / mL)	X		00:25	01:00	00:30	n/a					
							--- gram / --- mL	X		00:25	01:00	00:30	gram/m L			0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X		00:25	01:00	00:30	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:25	01:00	00:30	n/a					

Intermittent Drugs - Ambulatory Oncology

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
cefePIME 30 minute infusion	X	X	gram	0.25	2		1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
						--- gram / --- mL	X				00:25	01:00	00:30	gram/mL		0.01	0.04	
cefePIME 4 hour infusion	X	X	gram	0.5	2		0.5 gram / 50 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
							0.5 gram / 100 mL (0.005 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
						2 gram / 100 mL (0.02 gram / mL)	X				03:40	05:00	04:00	n/a				
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefiderocol	X	X	gram	0.75	2		0.75 gram / 100 mL (0.0075 gram / mL)	X			02:40	04:00	03:00	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			02:40	04:00	03:00	n/a				
							1.5 gram / 100 mL (0.015 gram / mL)	X			02:40	04:00	03:00	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			02:40	04:00	03:00	n/a				
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:05		00:30	00:15	n/a			
							--- mg / --- mL	X			00:05		01:00	00:15	mg/mL		0.8	12
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceftazidime-avibactm	X	X	gram	0.94	2.5		0.94 gram / 50 mL (0.0188 gram / mL)	X			01:40	04:00	02:00	n/a				
							1.25 gram / 100 mL (0.0125 gram / mL)	X			01:40	04:00	02:00	n/a				
							2.5 gram / 100 mL (0.025 gram / mL)	X			01:40	04:00	02:00	n/a				
ceftolozane-tazo	X	X	gram	0.15	3		1.5 gram / 100 mL (0.015 gram / mL)	X			00:40	03:00	01:00	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:40	03:00	01:00	n/a				
							--- gram / --- mL	X			00:40	03:00	01:00	gram/mL		0.001	0.03	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
cefTRIAxone challeng	X	X	mg	10	890	10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
						100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
						890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
cemiplimab-rwic	X	X	mg	150	400	350 mg / 100 mL (3.5 mg / mL)	X		00:25		02:00	00:30	n/a				Filter 0.2 Micron	
cetuximab Loading Dose	X	X	mg/m2	350	550	--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3	Filter 0.2 Micron	
cetuximab Maintenance Dose	X	X	mg/m2	200	550	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.5	3	Filter 0.2 Micron	
chlorothiazide	X	X	mg	250	2,000	--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30		
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a					
CISplatin 30 minute infusion	X	X	mg/m2	18	32		--- mg / --- mL	X		00:20	06:00	00:30	mg/mL	0.04	0.06	0.5	Irritant w/ vesicant	
CISplatin 60 minute infusion	X	X	mg/m2	18	105		--- mg / --- mL	X		00:45	06:00	01:00	mg/mL	0.03	0.04	0.6	Irritant w/ vesicant	
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.2 Micron
cladribine 120 minute infusion	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X		02:00	02:30	02:00	mg/mL	0.007		0.24	Irritant w/ vesicant	
cladribine 24 hour Infusion	X	X	mg/kg	0.08	0.1		--- mg / --- mL	X		21:00	23:00	25:00	24:00	mg/mL		0.01	0.056	Irritant w/ vesicant
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X		00:10	01:00	00:30	n/a					
							600 mg / 50 mL (12 mg / mL)	X		00:20	01:00	00:30	n/a					
							900 mg / 50 mL (18 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:10	01:00	00:30	mg/mL		3	18		
clofarabine	X	X	mg/m2	10	42		--- mg / --- mL	X		01:00	02:00	01:00	mg/mL		0.15	0.4		
crizanlizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X		00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron	
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X		02:30	05:00	03:00	n/a					
							--- mg / --- mL	X		02:30	05:00	03:00	mg/mL	0.002	0.004	0.05		
cycloPHOSphamide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		02:00	00:20	mg/mL		1	20	Irritant w/ vesicant

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
cytarabine CONTINUOUS	X	X	mg/m2	80	220	300	--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	cytarabine INFUSION
cytarabine IVPB	X	X	mg/m2	900	3,300		--- mg / --- mL	X			01:45	04:00	02:00	mg/mL		0.9	7	cytarabine IVPB
dacarbazine	X	X	mg/m2	150	1,000		--- mg / --- mL	X			00:20	02:30	00:30	mg/mL		0.5	10	Irritant and light
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	5	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
Daratumumab <i>First Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.2 Micron
Daratumumab <i>Second Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.2 Micron
Daratumumab <i>Subsequent Doses</i>	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.2 Micron
datopotamab deruxtcn <i>First Dose</i>	X	X	mg	100		540	--- mg / --- mL	X			01:00	03:00	01:30	mg/mL		1	5.4	Filter and light
datopotamab deruxtcn <i>Subsequent Doses</i>	X	X	mg	100		540	--- mg / --- mL	X			00:20	02:00	00:30	mg/mL		1	5.4	Filter and light
Decitabine	X	X	mg/m2	8	20		--- mg / --- mL	X		00:50		03:20		mg/mL		0.05	0.2	
denileukin	X	X	mcg/kg	9	18		--- mcg / --- mL	X			00:30	01:30	01:00	mcg/mL	15		30	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexAMETHasone	X	X	mg	4	40		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							20 mg / 50 mL (0.4 mg / mL)	X			00:10	00:30	00:15	n/a				
							40 mg / 50 mL (0.8 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
dexRAZOxane cardio	X	X	mg/m2	100	775		--- mg / --- mL	X			00:10	01:00		mg/mL		1.3	3	dexRAZOxane cardio
dexRAZOxane extravas <2 m2	X	X	mg/m2	225	1,025		--- mg / --- mL	X			00:30	01:30	01:01	mg/mL		1.3	3	dexRAZOxane extravas
dexRAZOxane extravas >=2 m2	X	X	mg	495	2,005		500 mg / 1,000 mL (0.5 mg / mL)	X			00:30	01:30	01:01	n/a				dexRAZOxane extravas
							1,000 mg / 1,000 mL (1 mg / mL)	X			00:30	01:30	01:01	n/a				
							2,000 mg / 1,000 mL (2 mg / mL)	X			00:30	01:30	01:01	n/a				
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
diphenhydrAMINE	X	X	mg	12.5	50		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	1	

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
DOCEtaxel <i>1 hour infusion</i>	X	X	mg/m2	35	100		--- mg / --- mL	X			00:45	03:00	01:00	mg/mL		0.3	0.74	Irritant and DEHP
DOCEtaxel <i>Titrated rate</i>	X	X	mg/m2	35	100		--- mg / --- mL	X			00:40	27:00	25:00	mg/mL		0.3	0.74	Irritant and DEHP
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2	
dostarlimab	X	X	mg	490	1,010		500 mg / 110 mL (4.5455 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
							1,000 mg / 120 mL (8.3333 mg / mL)	X			00:20	01:00	00:30	n/a				
DOXOrubicin <i>INFUSION</i>	X	X	mg/m2	8	50		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.03	0.2	Vesicant
DOXOrubicin, liposo <i>First Dose</i>	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00	02:00	mg/mL		0.12	0.44	Irritant, dextrose
DOXOrubicin, liposo <i>Subsequent Doses</i>	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00	01:00	mg/mL		0.12	0.44	Irritant, dextrose
durvalumab	X	X	mg	1,450	1,550		1,500 mg / 100 mL (15 mg / mL)	X			00:50	02:00	01:00	n/a				Filter 0.2 Micron
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.2 Micron
Eculizumab	X	X	mg	300		1,201	300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							600 mg / 120 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							900 mg / 180 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
efgartigimod alfa <i>Less than 120 kg</i>	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartigimod alfa <i>120 kg and up</i>	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
enfortumab vedotin	X	X	mg/kg	0.5	1.25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.3	4	Irritant w/ vesicant
eptinezumab	X		mg	95	305		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Filter 0.2 Micron
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	02:00	01:00	mg/mL		0.1	0.4	Etoposide IVPB
Etoposide CONT <i>INFUS</i> <i>12 hour Infusion</i>	X	X	mg/kg	4	6		--- mg / --- mL	X			11:00	16:00	12:00	mg/mL	0.1		0.4	Etoposide continuous

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Etoposide CONT INFUS <i>24 hour Infusion</i>	X	X	mg/m2	80	110		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL	0.1		0.4	Etoposide continuous
fam-trastuzumab deru <i>First Dose</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			01:15	03:00	01:30	mg/mL		1	10	fam-trastuzum ab deru
fam-trastuzumab deru <i>Subsequent Doses</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	10	fam-trastuzum ab deru
Ferric CARBOXYmaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxtyol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
fluDARAbine	X	X	mg/m2	10	30		--- mg / --- mL	X			00:15	01:15	00:30	mg/mL		0.2	1	
fluoroURACIL	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:05		24:00	00:10	mg/mL		0.1	50	Irritant w/ vesicant
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fosaprepitant_EMEND	X	X	mg	115	150		150 mg / 250 mL (0.6 mg / mL)	X		00:16		00:40	00:20	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gemCITAbine <i>30 minute infusion</i>	X	X	mg/m2	500	1,500		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	40	Irritant w/ vesicant
gemCITAbine <i>Extended infusion</i>	X	X	mg/m2	600	1,500		--- mg / --- mL	X			01:00	02:30		mg/mL		0.1	40	Irritant w/ vesicant
gemTUzumab	X	X	mg/m2	1.8	6.3		--- mg / --- mL	X	X		01:45	04:00	02:00	mg/mL		0.075	0.234	Filter and light
gentamicin <i>Dose =< 300 mg</i>	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL		0.4	10	
gentamicin <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	
glofitamab <i>Cycle 1</i>	X	X	mg	2.5	10		2.5 mg / 25 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				Filter 0.2 Micron
							10 mg / 100 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
glofitamab <i>Cycle 2</i>	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			03:30	08:00	04:00	n/a				Filter 0.2 Micron
glofitamab <i>Cycle 3-12</i>	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low-sorbing filter
granisetron	X	X	mg	0.1	1.1		1 mg / 50 mL (0.02 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.002	0.2	
guselkumab	X	X	mg	195	205		200 mg / 250 mL (0.8 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron
IPOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20	Irritant
IPOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00		mg/mL		2	29	Irritant
imetelstat	X	X	mg/kg	6.1	8.1		--- mg / --- mL	X			01:30	04:00	02:00	mg/mL	0.3	0.4	2.5	
imipenem-relebactam	X	X	gram	0.5	1.25		0.5 gram / 40 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							0.75 gram / 60 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							1 gram / 80 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							1.25 gram / 100 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
inotuzumab	X	X	mg/m2	0.4	1.4		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.01	0.07	inotuzumab
IPILIMumab	X	X	mg/kg	0.8	3.2		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		1	2	Filter 0.2 Micron
IRINotecan <i>30 minute infusion</i>	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	1.2	Irritant w/ vesicant
IRINotecan <i>60 minute infusion</i>	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8	Irritant w/ vesicant
IRINotecan <i>90 minute infusion</i>	X	X	mg/m2	60	350		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL		0.12	2.8	Irritant w/ vesicant
IRINotecan liposomal	X	X	mg/m2	45	80		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL	0.12		2.8	
iron DEXTRAN <i>Iron test dose</i>	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN <i>Maintenance Dose</i>	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivity
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name		
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max	
																			mg / kg
isatuximab-irfc <i>First Dose</i>	X		mg/kg	9	11		---	mg / mL	X			00:15	05:00		mg/mL		0.2	2.1	Filter/hypersensitiv
isatuximab-irfc <i>Second Dose</i>	X		mg/kg	9	11		---	mg / mL	X			01:30	10:00	10:00	mg/mL		1.6	8	Filter/hypersensitiv
isatuximab-irfc <i>Subsequent Doses</i>	X		mg/kg	9	11		---	mg / mL	X			01:00	04:00	01:15	mg/mL		1.6	8	Filter/hypersensitiv
ixabepilone	X	X	mg/m2	15	40		---	mg / mL	X		02:40		03:20	03:00	mg/mL		0.2	0.6	DEHP and Lactate
lecanemab	X	X	mg/kg	9	11		---	mg / mL	X			00:40	02:00	01:00	mg/mL		1.2	6	Filter 0.2 Micron
leucovorin <i>120 minute infusion</i>	X	X	mg/m2	10	500		---	mg / mL	X			01:55	03:00	02:00	mg/mL		0.03	20	
leucovorin <i>15 minute infusion</i>	X	X	mg/m2	10	500		---	mg / mL	X		00:10		00:30	00:15	mg/mL		0.03	20	
leucovorin <i>30 minute infusion</i>	X	X	mg/m2	10	500		---	mg / mL	X		00:20		00:50	00:30	mg/mL		0.03	20	
leucovorin <i>60 minute infusion</i>	X	X	mg/m2	10	500		---	mg / mL	X			00:55	02:00	01:00	mg/mL		0.03	20	
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a					
1,000 mg / 100 mL (10 mg / mL)							X		00:10		00:30	00:15	n/a						
---							X	X	00:10		00:30	00:15	mg/mL		2.5	15			
levoFLOxacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a					
500 mg / 100 mL (5 mg / mL)							X		00:50	02:00	01:00	n/a							
750 mg / 150 mL (5 mg / mL)							X		01:15	02:00	01:30	n/a							
levoLEUCOvorin	X	X	mg/m2	10	500		---	mg / mL	X			00:15	03:00	02:00	mg/mL		0.5	4.5	
levoLEUCOvorin	X	X	mg	5	500		---	mg / mL	X		00:30	00:45	02:00	01:00	mg/mL	0.5		5	
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a					
linvoseltamab <i>First/step up dose</i>	X	X	mg	2	201		2.5 mg / 50 mL (0.05 mg / mL)	X			03:40	08:00	04:00	n/a					
5 mg / 100 mL (0.05 mg / mL)							X		03:40	08:00	04:00	n/a							
25 mg / 100 mL (0.25 mg / mL)							X		03:40	08:00	04:00	n/a							
200 mg / 100 mL (2 mg / mL)							X		03:40	08:00	04:00	n/a							
linvoseltamab <i>Second Full Dose</i>	X	X	mg	199	201		200 mg / 100 mL (2 mg / mL)	X			00:40	02:00	01:00	n/a					Filter 0.2 Micron
linvoseltamab <i>Subsequent Doses</i>	X	X	mg	199	201		200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a					Filter 0.2 Micron
loncastuximab	X	X	mg/kg	0.07	0.2		---	mg / mL	X			00:20	01:00	00:30	mg/mL		0.04	0.5	Vesicant and filter
turbinectidin	X	X	mg/m2	1.9	3.3		---	mg / mL	X			00:50	02:00	01:00	mg/mL		0.005	0.04	Vesicant
magnesium sulfate	X	X	gram	0.5	10	11	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a					

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a					
						4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a					
						--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12		
Mannitol IVPB	X	X	gram	12		28												
						12.5 gram / 100 mL (0.125 gram / mL)	X			00:06	00:15	00:07	n/a					
						25 gram / 140 mL (0.1786 gram / mL)	X			00:09	00:20	00:10	n/a					
						--- gram / --- mL	X			00:06	00:30		No					
margetuximab Initial Dose	X	X	mg/kg	13	17													
						--- mg / --- mL	X			01:30	04:00	02:00	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron	
margetuximab Subsequent Doses	X	X	mg/kg	13	17													
						--- mg / --- mL	X			00:20	02:00	00:30	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron	
meropenem 3 hour infusion																		
	X	X	mg	250	4,000													
						500 mg / 50 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a					
						500 mg / 100 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a					
						1,000 mg / 50 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a					
						1,000 mg / 100 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,000 mg / 100 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,000 mg / 140 mL (14.2857 mg / mL)	X			02:30	04:00	03:00	n/a					
						--- mg / --- mL	X			02:30	04:00	03:00	mg/mL		4	20		
meropenem 30 minute infusion																		
	X	X	mg	250	4,000													
						500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
						500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a					
						1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a					
						1,000 mg / 100 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
						2,000 mg / 100 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a					
						2,000 mg / 140 mL (14.2857 mg / mL)	X			00:25	01:00	00:30	n/a					
						--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20		
MESNA BOLUS	X	X	mg/m2	200	600													
						--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		4	30		
MESNA INFUSION	X	X	mg/m2	600	2,500													
						--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		3	11		
methoTrexate Standard Dosing	X	X	mg/m2	20	300													
						--- mg / --- mL	X			00:15	12:00		mg/mL		0.1	25		
methoTrexate High Dose - GRAMS	X	X	gram/m2	1	12													
						--- gram / --- mL	X			01:00	25:00		gram/mL		0.01	0.25		
methylPREDNISolone																		
	X	X	mg	250	2,000													
						250 mg / 250 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a					
						500 mg / 250 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a					
						1,000 mg / 250 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a					
						--- mg / --- mL	X		00:15		01:00		mg/mL		1	40		
metronIDAZOLE																		
	X	X	mg	250	1,000													
						250 mg / 50 mL (5 mg / mL)	X			00:25	02:00	00:30	n/a					
						500 mg / 100 mL (5 mg / mL)	X			00:25	02:00	01:00	n/a					
						--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5		
micafungin	X	X	mg	49	151	300												
						--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51		

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
mitoMYcin	X	X	mg/m2	10	20		--- mg / --- mL	X			00:15	00:30	00:20	mg/mL		0.4	2	Vesicant
mitoXANtrone	X	X	mg/m2	10	15		--- mg / --- mL	X			00:20	00:45	00:30	mg/mL		0.2	0.4	Irritant w/ vesicant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hyperse nsitiv
mosunetuzumab <i>Cycle 1</i>	X	X	mg	1	60		1 mg / 100 mL (0.01 mg / mL)	X			03:40	05:00	04:00	n/a				
							2 mg / 100 mL (0.02 mg / mL)	X			03:40	05:00	04:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			03:40	05:00	04:00	n/a				
mosunetuzumab <i>Subsequent Doses</i>	X	X	mg	1	60		1 mg / 100 mL (0.01 mg / mL)	X			01:40	05:00	04:00	n/a				
							2 mg / 100 mL (0.02 mg / mL)	X			01:40	05:00	04:00	n/a				
							30 mg / 100 mL (0.3 mg / mL)	X			01:40	04:00	02:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			01:40	04:00	02:00	n/a				
moxetumomab	X	X	mg/kg	0.03	0.05		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.02	0.2	
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcillin	X	X	gram	0.2	6		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/m L			0.01	0.04
Nelarabine	X	X	mg/m2	1,400	1,650		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL	4.9		5.1	
Nivolumab	X	X	mg	239		481	240 mg / 100 mL (2.4 mg / mL)	X			00:25	01:50	00:30	n/a				
							360 mg / 100 mL (3.6 mg / mL)	X			00:25	01:50	00:30	n/a				
							480 mg / 100 mL (4.8 mg / mL)	X			00:25	01:50	00:30	n/a				
Nivolumab	X	X	mg/kg	0.8		3.3	--- mg / --- mL	X			00:25	01:50	00:30	mg/mL	0.65		10	Filter 0.2 Micron
Obinutuzumab-100 mg	X	X	mg	99	101		100 mg / 100 mL (1 mg / mL)	X			03:30	04:30	04:00	n/a				Saline only
Olaratumab	X	X	mg/kg	10	17		--- mg / --- mL	X			00:50	02:30	01:00	mg/mL		2.4	7.5	Saline only
ondansetron	X	X	mg	2	32		--- mg / --- mL	X	X		00:10	01:00	00:15	mg/mL		0.04	0.64	
Ondansetron ARCC	X	X	mg	2	32		16 mg / 90 mL (0.1778 mg / mL)	X			00:10	01:00	00:15	n/a				
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				
							1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				
OXALiplatin	X	X	mg/m2	60	135		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.15	1.5	Oxaliplatin
PACLitaxel <i>1 hour infusion</i>	X	X	mg/m2	25	100		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
PACLitaxel 3 hour infusion	X	X	mg/m2	120	230		--- mg / --- mL	X			02:30	05:00	03:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Continuous	X		mg/m2	120	275		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Titrated q2-3 weeks	X	X	mg/m2	120	230		--- mg / --- mL	X			02:00	50:00	50:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Titrated weekly	X	X	mg/m2	25	100		--- mg / --- mL	X			00:40	26:00	25:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
Palonosetron	X	X	mg	0.2	0.25		0.25 mg / 50 mL (0.005 mg / mL)	X	X		00:10	00:30	00:15	n/a				
pamidronate	X	X	mg	29	90		30 mg / 250 mL (0.12 mg / mL)	X			01:30	06:00	02:00	n/a				Dedicated IV Line
							60 mg / 250 mL (0.24 mg / mL)	X			01:30	06:00	02:00	n/a				
							90 mg / 250 mL (0.36 mg / mL)	X			01:30	06:00	02:00	n/a				
							--- mg / --- mL	X			01:30	06:00	02:00	mg/mL		0.001	0.4	
panitumumab First Dose	X	X	mg/kg	3	9		--- mg / --- mL	X			00:50	01:30		mg/mL		5	10	filter low-sorbing
panitumumab Subsequent Doses	X	X	mg/kg	3	9		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		5	10	filter low-sorbing
pegaspargase	X	X	unit/m2	2,250	2,750		--- unit / --- mL	X		00:50		02:30	01:00	unit/mL	30		63	
Pembrolizumab	X	X	mg	180		420	200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
							400 mg / 100 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a				
Pembrolizumab	X	X	mg/kg	1.75	2.25		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.2 Micron
PEMtrexed	X	X	mg/m2	375	525		--- mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
pemivibart	X	X	mg	4,400	4,600		4,500 mg / 50 mL (90 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
Pertuzumab	X	X	mg	419		841	420 mg / 264 mL (1.5909 mg / mL)	X			00:20	01:30	00:30	n/a				Pertuzumab
							840 mg / 278 mL (3.0216 mg / mL)	X			00:50	01:30	01:00	n/a				
piperacillin/tazo 30 minute infusion	X	X	gram	0.75	4.5		0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a				
							2.25 gram / 50 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	4.6		---	gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.07
							3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							---	gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07
polatuzumab vedotin First Dose	X	X	mg/kg	1.4	1.8		---	mg / --- mL	X		00:25		01:50	01:30	mg/mL		0.72	2.7
polatuzumab vedotin Subsequent Doses	X	X	mg/kg	1.4	1.8		---	mg / --- mL	X		00:25		01:50	00:30	mg/mL		0.72	2.7
potassium chloride Central	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							---	mEq / --- mL	X		00:50	01:00	04:00	mEq/mL	0.05		0.4	
potassium chloride Peripheral	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							---	mEq / --- mL	X		00:50	01:00	04:00	mEq/mL	0.05		0.2	
potassium PHOSphate Central	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							---	mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24
potassium PHOSphate Peripheral	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							---	mmol / --- mL	X		02:00		06:00	mmol/mL		0.01	0.09	
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
							---	mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1
Ramucirumab First Dose	X	X	mg/kg	7	11		---	mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4
Ramucirumab Subsequent Doses	X	X	mg/kg	7	11		---	mg / --- mL	X		00:20		03:00	00:30	mg/mL	1.5		4
rasburicase	X	X	mg	1.5		14.2	3 mg / 50 mL (0.06 mg / mL)	X		00:25		00:45	00:30	n/a				
							---	mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.025		0.285
ravulizumab-cwvz Loading Dose	X		mg	2,350	3,050		2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a				
							2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a				

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Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name		
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max	
ravulizumab-cwvz <i>Maintenance Dose</i>	X		mg	2,950	3,650		3,000 mg / 60 mL (50 mg / mL)		X			00:15	01:00	00:25	n/a				
							3,000 mg / 60 mL (50 mg / mL)		X			00:45	02:00	00:55	n/a				
							3,300 mg / 66 mL (50 mg / mL)		X			00:30	02:00	00:45	n/a				
							3,600 mg / 72 mL (50 mg / mL)		X			00:20	01:00	00:30	n/a				
relatlimab-nivolumab	X		mg	470	490		480 mg / 100 mL (4.8 mg / mL)		X			00:20	01:00	00:30	n/a			relatlimab-nivolumab	
retifanlimab	X	X	mg	499	501		500 mg / 250 mL (2 mg / mL)		X			00:20	01:00	00:30	n/a			Filter and light	
rifampin	X	X	mg	100	600		300 mg / 250 mL (1.2 mg / mL)		X			00:50	03:00	01:00	n/a				
							600 mg / 500 mL (1.2 mg / mL)		X			00:50	03:00	01:00	n/a				
							--- mg / --- mL		X			00:55	03:00		mg/mL		0.1	6	
risankizumab	X	X	mg	595	1,205		600 mg / 100 mL (6 mg / mL)		X			00:40	02:00	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)		X			01:40	04:00	02:00	n/a				
riTUXimab	X	X	mg/m2	60	500		--- mg / --- mL		X			01:00	25:00		mg/mL		0.4	4	Hypersensitivity
romiDEPsin	X	X	mg/m2	4.5	14.5		--- mg / --- mL		X			04:00	08:00	04:00	mg/mL		0.01	0.07	
sacituzumab govtecan <i>First Dose</i>	X	X	mg/kg	4	11		--- mg / --- mL		X			01:00	04:00	03:00	mg/mL	1		3.5	
sacituzumab govtecan <i>Subsequent Doses</i>	X	X	mg/kg	4	11		--- mg / --- mL		X			00:40	03:00	01:00	mg/mL	1		3.5	
secukinumab	X	X	mg	60	800		--- mg / --- mL		X			00:20	01:00	00:30	mg/mL		1.2	8	Filter 0.2 Micron
spesolimab	X	X	mg	895	905		900 mg / 100 mL (9 mg / mL)		X			01:00	03:00	01:30	n/a				Filter and light
STREPTOzocin	X	X	mg/m2	400		1,500	--- mg / --- mL		X			00:45	02:00	01:00	mg/mL		0.8	6	Irritant w/ vesicant
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL		X		00:45		02:00	01:00	mg/mL		0.1	1.2	
tafasitamab <i>First Dose</i>	X		mg/kg	10	14		--- mg / --- mL		X			01:00	04:00	03:34	mg/mL		2	8	
tafasitamab <i>Subsequent Doses</i>	X	X	mg/kg	10	14		--- mg / --- mL		X			01:00	03:00	01:30	mg/mL		2	8	
tagraxofusp-erz	X		mcg/kg	11	13		--- mcg / --- mL			X		00:14	00:20	00:15	mcg/mL		95	105	tagraxofusp
tarlatamab	X	X	mg	0.9	11		1 mg / 250 mL (0.004 mg / mL)		X			00:40	02:00	01:00	n/a				
							10 mg / 250 mL (0.04 mg / mL)		X			00:40	02:00	01:00	n/a				
tebentafusp-tebn	X	X	mcg	20	68		20 mcg / 100 mL (0.2 mcg / mL)		X			00:12	00:30	00:15	n/a				
							30 mcg / 100 mL (0.3 mcg / mL)		X			00:12	00:30	00:15	n/a				
							68 mcg / 100 mL (0.68 mcg / mL)		X			00:12	00:30	00:15	n/a				
telisotuzumab vedtin	X	X	mg	30	190		--- mg / --- mL		X			00:20	01:00	00:30	mg/mL		1	10	Irr w/ ves filter
temSIROLimus	X	X	mg	15	25		--- mg / --- mL		X		00:25		01:15	00:30	mg/mL		0.099	0.1	Low-Sorbing

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Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
teprotumumab	X	X	mg/kg	9.5	20.5		--- mg / --- mL	X			01:00	02:30	01:30	mg/mL	2.5	3	20	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5			11
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
tisilelizumab	X	X	mg	140	410		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							150 mg / 50 mL (3 mg / mL)	X			00:20	02:00		n/a				
							200 mg / 50 mL (4 mg / mL)	X			00:20	02:00		n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:20	03:00		n/a				
tisotumab vedotin	X	X	mg	30	200		400 mg / 100 mL (4 mg / mL)	X			00:20	04:00		n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.7	2.4	
TOBRAMycin <i>Dose =< 300 mg</i>	X	X	mg	40	300		80 mg / 50 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X			00:25		01:00	00:30	mg/mL	0.5		10
TOBRAMycin <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
topoTECAN	X	X	mg/m2	0.4	4.2		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.004		0.1	Irritant w/ vesicant
toripalimab <i>First Dose</i>	X	X	mg	100	500		240 mg / 100 mL (2.4 mg / mL)	X			00:40	02:00	01:00	n/a				filter
							--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.8	1	3	low-sorbing
toripalimab <i>Subsequent Doses</i>	X	X	mg	100	500		240 mg / 100 mL (2.4 mg / mL)	X			00:20	01:00	00:30	n/a				filter
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.8	1	3	low-sorbing
Trabectedin <i>24 hour Infusion</i>	X	X	mg/m2	0.8		1.8	--- mg / --- mL	X		22:00		26:00	24:00	mg/mL	0.001		0.007	Vesicant and filter
Trabectedin <i>3 hour infusion</i>	X	X	mg/m2	0.9	1.3		--- mg / --- mL	X			02:30	06:00	03:00	mg/mL		0.002	0.006	Vesicant and filter
trastuzumab <i>Loading Dose</i>	X		mg/kg	4	8.5		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.4	5	
trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
tremelimumab	X	X	mg	70	305		75 mg / 100 mL (0.75 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
							300 mg / 100 mL (3 mg / mL)	X			00:40	02:00	01:00	n/a				
trilaciclib	X	X	mg/m2	210	270		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		0.5	3	Filter 0.2 Micron
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X			00:45	02:00	01:00	n/a				
							390 mg / 250 mL (1.56 mg / mL)	X			00:45	02:00	01:00	n/a				
							520 mg / 250 mL (2.08 mg / mL)	X			00:45	02:00	01:00	n/a				
VANCOmycin	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				

Intermittent Drugs - Ambulatory Oncology

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
Wausau																		
VANCOmycin All Other Facilities																		
	X	X	mg	125	2,500													
Vedolizumab	X	X	mg	299	301													
vinBLAStine	X	X	mg/m2	2	10													
vinCRIStine	X	X	mg	0.5	3													
vinORELbine	X	X	mg/m2	15	30													
VORIconazole																		
	X	X	mg	50	600													
Vyxeos	X	X	mg/m2	20	50													
zanidatamab 1st/2nd	X	X	mg/kg	13	22													
zanidatamab 3rd/4th	X	X	mg/kg	13	22													
zanidatamab Subsequent Doses	X	X	mg/kg	13	22													
zenocutuzumab	X	X	mg	740	760													
zidovudine	X	X	mg/kg	1	2													
Ziv-aflibercept	X	X	mg/kg	3.5	4.5													

Intermittent Drugs - Ambulatory Oncology																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
zolbetuximab First Dose	X	X	mg/m2	750	850		--- mg / --- mL	X			02:30	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zolbetuximab Subsequent q2 weeks	X	X	mg/m2	350	450		--- mg / --- mL	X			01:30	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zolbetuximab Subsequent q3 weeks	X	X	mg/m2	550	650		--- mg / --- mL	X			02:00	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.05	

2.1.6 Fluids

Fluids - Ambulatory Oncology							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	500		
Bicarb Drip	Yes	X		1	250		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	400		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Sodium Chlor 3%	Yes	X		1		125	
TPN	No	X		15	175	250	1.2 micron filter

2.1.7 PCA Drugs

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL	1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDRomorphone						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Ambulatory Oncology						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	4	8	1	Dosing Units
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

2.2 Critical Care

2.2.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Adenosine (CATH LAB) 60 mg / 20 mL (3 mg / mL) 90 mg / 30 mL (3 mg / mL) 150 mg / 50 mL (3 mg / mL) --- mg / --- mL		X	YES	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		140	50	505		100	25		255	50	
agalsidase beta 65 mg / 100 mL (0.65 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	5		46.7	23.4									filter low-sorbing
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
alteplase <i>EKOS infusion</i> 24 mg / 240 mL (0.1 mg / mL)	X		N/A	Continuous mg/h	0.45		1.1	0.5									
alteplase <i>MI 67KG or less</i> --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	1.5	1.7	1.5	14	15	16	15	14	15		15	
alteplase <i>MI greater than 67KG</i> 100 mg / 100 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	35	100	101	100	14	15	16	15	14	16		15	
alteplase <i>Pulmonary Embolism</i> 100 mg / 100 mL (1 mg / mL)	X		N/A	Continuous mg/h	49	51		50									
alteplase <i>Stroke 100kg and up</i> 90 mg / 90 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	80	82		81	8.9	9.1		9	4	9.1		9	
alteplase <i>Stroke less 100 kg</i> --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.78	0.82		0.81	0.08	0.09		0.09	0.04	0.1		0.09	
alteplase <i>Vascular Occlusions</i> 4 mg / 100 mL (0.04 mg / mL) 10 mg / 100 mL (0.1 mg / mL) 25 mg / 125 mL (0.2 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h	0.25	2	5										
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		N/A	Continuous gram/h	1	2	5	1									
AMIODArone 360 mg / 200 mL (1.8 mg / mL) 450 mg / 250 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X X X		N/A	Continuous mg/min	0.5	1	1.5									Filter 0.2 Micron	

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
angiotensin II 2.5 mg / 500 mL (0.005 mg / mL)	X		N/A	Continuous nanogram/kg/min	2.5	40	80										
Aralast --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Aralast/Glassia rate	
argatroban Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.45	10	10.1	1.5								2nd RN to verify	
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.1	5	10.1	0.5								2nd RN to verify	
atracurium 50 mg / 250 mL (0.2 mg / mL) 100 mg / 500 mL (0.2 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1.8	30	39									Neuromuscular BA	
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL) 500 mg / 100 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Dialysis dosing 250 mg / 50 mL (5 mg / mL) 500 mg / 100 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	0.3		0.25	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Impella 250 mg / 50 mL (5 mg / mL) 500 mg / 100 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h	0.02	0.6		0.1									
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL) 500 mg / 100 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.15	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
bumetanide continuos 12.5 mg / 50 mL (0.25 mg / mL) 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X		N/A	Continuous mg/h	0.1	4	8										
cisATRacurium 200 mg / 200 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1	Neuromuscular BA
Clevidipine 25 mg / 50 mL (0.5 mg / mL)	X		N/A	Continuous mg/h	1	32	50										12 Hour Tubing
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
cosyntropin 0.5 mg / 100 mL (0.005 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	49	51		50	249		251	250	80		83.3	83	
dexmedetomidine Non-anesthesia 400 mcg / 100 mL (4 mcg / mL) 1,000 mcg / 250 mL (4 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.05		1.5	0.2	0.5	2	2.1	1	0.03	0.04	0.067	0.033	
Dextrose - Heparin 50 unit / 1 mL (50 unit / mL)	X		N/A	Continuous unit/h	200	600	1,000										Impella advisory
diltiazem 125 mg / 125 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	2.5		15	5	5	20	25		4	5	12.5	5	
DOBUTamine Standard Dosing 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.5	15											
DOBUTamine Stress test 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	2.5	40											Stress Test

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1	20	50									Central Line Only	
EPINEPHrine 4 mg / 250 mL (0.016 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	2										Central Line Only	
Epoprostenol Flolan 500 mcg / 100 mL (5 mcg / mL) 1,500 mcg / 100 mL (15 mcg / mL) --- mcg / --- mL	X		YES	Continuous nanogram/kg/min	1	75										Flolan	
Epoprostenol Veletri 1,500 mcg / 50 mL (30 mcg / mL)		X	N/A	Continuous nanogram/kg/min	5	50										Veletri	
eptifibatide Standard Dosing 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mcg/kg/min	0.5	2.2		2								CrCl > 50 mL/min	
eptifibatide Weight 121kg & above 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mg/h	13	15.1		15								CrCl > 50 mL/min	
eptifibatide Renal Dose 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mcg/kg/min	0.25	1.1		1								CrCl < 50 mL/min	
eptifibatide Renal Dose wt >121kg 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mg/h	6	7.6		7.5								CrCl < 50 mL/min	
esmolol 2,500 mg / 250 mL (10 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		50	100	1,000		100	1,000		500		
fenoldopam 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	0.1	0.4										
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL) 5,000 mcg / 250 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50	50		

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL) 5,000 mcg / 250 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										No filter required
FUROSemide continous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
FUROSemide continous All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										No filter required
Gamunex - C 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										No filter required
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast/Glassia rate
glucagon 10 mg / 100 mL (0.1 mg / mL)	X		N/A	Continuous mg/h	0.5		3	1									
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin ECMO 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500			500	4,000	6,000		1,000		1,600	1,600	
heparin Impella 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
heparin TBI 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	1,500	3,500										2nd RN to verify
heparin 2 units/mL 1,000 unit / 500 mL (2 unit / mL) 2,000 unit / 1,000 mL (2 unit / mL)	X X		N/A	Continuous unit/h	12.5	100		50									heparin flush bag
HYDRomorphone 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	0.5	5											2nd RN to verify
iloprost 100 mcg / 100 mL (1 mcg / mL)	X		N/A	Continuous nanogram/kg/min	0.4	2.1		0.5									Filter 0.2 Micron
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	1,000											Filter 1.2/hypers ens

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	30	75									Insulin advisory	
isoproterenol 1 mg / 250 mL (0.004 mg / mL)	X		N/A	Continuous mcg/min	0.5	10											
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous 250 mg/250 mL 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mg/kg/h	0.05	0.5											
Ketamine Continuous 500 mg/250 mL 500 mg / 250 mL (2 mg / mL)	X		N/A	Continuous mg/kg/h	0.25	2.5											
labetalol 300 mg / 150 mL (2 mg / mL) 500 mg / 250 mL (2 mg / mL)	X		N/A	Continuous mg/min	0.05	2.5		2									
levothyroxine 200 mcg / 500 mL (0.4 mcg / mL) 400 mcg / 500 mL (0.8 mcg / mL)	X		N/A	Continuous mcg/h	10	80	85	40									
Lidocaine Continuous 2,000 mg / 500 mL (4 mg / mL)	X		N/A	Continuous mg/min	0.5	4	5										
LORazepam 40 mg / 120 mL (0.3333 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	25		1	10	10.1		1	5	5.1	5	Filter 0.2 Micron
midazolam 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	20			0.5	5			1	2		2	
milrinone 20 mg / 100 mL (0.2 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.125	0.75			25	50	55	50	1	5			

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
niCARDipine 20 mg / 200 mL (0.1 mg / mL) 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	15										Central preferred	
nitroGLYcerin <i>Non-anesthesia</i> 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL)	X		N/A	Continuous mcg/min	1	200											
nitroPRUSSide 50 mg / 250 mL (0.2 mg / mL) 100 mg / 250 mL (0.4 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	10										Protect From Light	
NORepinephrine 4 mg / 250 mL (0.016 mg / mL) 8 mg / 250 mL (0.032 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	3										Central Line Only	
Ocrelizumab <i>First Dose</i> 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab <i>Second Dose</i> 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab <i>Subsequent - 3.5 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab <i>Subsequent -2 hr</i> 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	60		360	120								Filter 0.2 Micron	

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Octagam 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175			12	25		12.5	
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		N/A	Continuous milliunit/min	0.5	40	300										
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		N/A	Continuous mg/h	7	9		8									
Panzyga 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
PENTobarbital CI 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	5											
PHENYLEphrine Non-anesthesia 40 mg / 250 mL (0.16 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.02	9										Central Line Only	
Privigen 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500									No filter required	
procainamide Continu 2,000 mg / 500 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mg/min	1	4	6									procainamide Continu	

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4								Proteinase rate note	
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X X		N/A	Continuous mcg/kg/min	5	70	80									12 Hour Tubing	
ritUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	25		410	50								Hypersensitivity	
rocuronium Non-anesthesia 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	2	16											
tirofiban CrCl < 60 mL/min 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.075	11		26	25	0.3		9	8.33	Tirofiban dosing
tirofiban CrCl >= 60 mL/min 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.15	11		26	25	0.3		9	8.33	Tirofiban dosing
TRANexamic acid CV Non-anesthesia 2,000 mg / 100 mL (20 mg / mL) 3,000 mg / 250 mL (12 mg / mL)	X X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	19		2	9	50		10	0.9	1.2		1	
Treprostinil Initial Dose 1,250 mcg / 500 mL (2.5 mcg / mL) --- mcg / --- mL	X X		YES	Continuous nanogram/kg/min	0.625	30											Treprostinil
Treprostinil Maintenance Dose 10,000 mcg / 500 mL (20 mcg / mL) --- mcg / --- mL	X X		YES	Continuous nanogram/kg/min	20	100											Treprostinil

Continuous/Bolus - Non-Anesthesia Drugs - Critical Care																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
vasopressin 20 unit / 50 mL (0.4 unit / mL) 40 unit / 100 mL (0.4 unit / mL) --- unit / --- mL	X		YES	Continuous unit/min Bolus Dose unit Bolus Admin Rate unit/min	0.01		0.11		3	5		4	3	5		4	Central Line Only
vecuronium 100 mg / 250 mL (0.4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120			Neuromuscular BA
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Proteinase rate note
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

2.2.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Adenosine (CATH LAB) WeightBased	X		mcg/mL*	2,000	2,500	3,500
agalsidase beta NonWeightBased	X		mg/mL	0.2		0.72
alteplase MI 67KG or less WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Stroke less 100 kg WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Vascular Occlusions NonWeightBased	X		mg/mL	0.04		0.3

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Aralast WeightBased	X		mg/mL	15		25
atracurium WeightBased	X		mcg/mL*	100		500
cisATRAcurium WeightBased	X		mcg/mL*	998	1,000	1,001
CMV immunoglobulin WeightBased	X		mg/mL	49		51
cosyntropin NonWeightBased	X		mcg/mL*	2	2.5	5
dexmedetomidine <i>Non-anesthesia</i> WeightBased	X		mcg/mL	3.9		5
DOBUTamine <i>Standard Dosing</i> WeightBased	X		mcg/mL*	1,000		4,000
DOPamine WeightBased	X		mcg/mL*	800		3,200
EPINEPHrine WeightBased	X		mcg/mL*	16		100
Epoprostenol <i>Flolan</i> WeightBased	X		nanogram/ mL*	2,000	4,000	20,000
fentaNYL NonWeightBased	X		mcg/mL	15	18	50
fentaNYL WeightBased	X		mcg/mL	15	18	50
Flebogamma 10% WeightBased	X		mg/mL*	99		101
FUROsemide continous <i>AIR</i> NonWeightBased	X		mg/mL	0.4	0.5	11
FUROsemide continous <i>All Other Facilities</i> NonWeightBased	X		mg/mL	1	5	11

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Gammagard 10% WeightBased	X		mg/mL*	49		101
Gamunex - C 10% WeightBased	X		mg/mL*	99		101
Glassia WeightBased	X		mg/mL	15		25
HYDROmorphine 1MG/ML NonWeightBased	X		mg/mL	0.6	0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL	0.3	0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
LORazepam NonWeightBased	X		mg/mL	0.3		0.6
midazolam NonWeightBased	X		mg/mL	0.2		1
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
niCARdipine NonWeightBased	X		mg/mL	0.04	0.05	0.2
NORepinephrine WeightBased	X		mcg/mL*	7	16	64
Octagam 10% WeightBased	X		mg/mL*	99		101
octreotide NonWeightBased	X		mcg/mL	1		6

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Panzyga 10% WeightBased	X		mg/mL*	99		101
PENTobarbital CI WeightBased	X		mg/mL	0.5	1	8
PHENylephrine <i>Non-anesthesia</i> WeightBased	X		mcg/mL*	35		320
Privigen 10% WeightBased	X		mg/mL*	99		101
procainamide Continu NonWeightBased	X		mg/mL	1	2	8
Prolastin-C WeightBased	X		mg/mL	35		60
riTUXimab ACU NonWeightBased	X		mg/mL	1.3		2.1
rocuronium <i>Non-anesthesia</i> WeightBased	X		mcg/mL*	600	800	1,200
Treprostinil <i>Initial Dose</i> WeightBased	X		nanogram/ mL*	2,500		9,999
Treprostinil <i>Maintenance Dose</i> WeightBased	X		nanogram/ mL*	2,000	2,500	25,000
vasopressin NonWeightBased	X		unit/mL	0.3		0.5
vecuronium WeightBased	X		mcg/mL*	100	200	1,000
Wilate NonWeightBased	X		unit/mL	80	90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4

* Units Only concentration and Dosing Units have different units of measure.

2.2.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Critical Care																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
atracurium 10 mg / 1 mL (10 mg / mL) 20 mg / 100 mL (0.2 mg / mL) 50 mg / 100 mL (0.5 mg / mL)	X	X	N/A	Continuous mcg/kg/min	1.8	30	39									
cisATRACurium 2 mg / 1 mL (2 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1
dantrolene ANESTHESI --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	100	500			0.5	2.5	2.7	1	0.001	0.04		0.017
dantrolene ANESTHESI 20 mg / 60 mL (0.3333 mg / mL)		X	N/A	Continuous mg/kg/h	0.15	0.3		0.25								
dexmedeTOMIDine Anesthesia only 4 mcg / 1 mL (4 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.05		1.5		0.5	2	2.1	1	0.04	0.11		0.05
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	N/A	Continuous unit/h	0.2	30	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										

Continuous/Bolus - Anesthesia Only Drugs - Critical Care																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.1	1										
Lidocaine Continuous 2,000 mg / 500 mL (4 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1.4	3.1		2	1	3		1.5	0.1	0.3	0.15	
midazolam 1 mg / 1 mL (1 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	6			10	300			10	25		
nitroGLYcerin Anesthesia only 25 mg / 250 mL (0.1 mg / mL)	X		N/A	Continuous mcg/min	1	200										
PHENYLEphrine Anesthesia only 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL) 40 mg / 250 mL (0.16 mg / mL)	X	X	N/A	Continuous mcg/kg/min	0.02	9										
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
protamine sulfate 10 mg / 1 mL (10 mg / mL)		X	N/A	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.1	5			5	50			1	5		
remifentanil 5,000 mcg / 100 mL (50 mcg / mL) 2 mg / 50 mL (0.04 mg / mL) 4 mg / 50 mL (0.08 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		

Continuous/Bolus - Anesthesia Only Drugs - Critical Care																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
rocuronium <i>Anesthesia only</i> 10 mg / 1 mL (10 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	2	16			10	1,200			10	1,200		
succinylcholine 20 mg / 1 mL (20 mg / mL)		X	N/A	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1	4.3			0.1	1.2			0.3	2.8		2.4
SUFentanil 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		
TRANexamic acid CV <i>Anesthesia only</i> 5,000 mg / 250 mL (20 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	100	250		125	900	1,100		1,000	90	110		100
TRANexamic acid CV <i>Anesthesia only</i> 3,000 mg / 250 mL (12 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/min	0.2	19		2	9	50		10	0.9	1.2		1
vecuronium 1 mg / 1 mL (1 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120		

2.2.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Critical Care						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
dantrolene ANESTHESI NonWeightBased	X		mg/mL	0.1	0.3	0.35
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL	0.2	0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL	0.2	0.8	1.2

2.2.5 Intermittent Drugs

Intermittent Drugs - Critical Care																								
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name						
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max							
fluid bolus	X	X	unit	10	1,000		500 unit / 500 mL (1 unit / mL)	X		00:30	03:00	01:00	n/a					Saline						
							1,000 unit / 1,000 mL (1 unit / mL)												X		01:00	03:00	01:01	n/a
							--- unit / --- mL												X		00:05	03:00	01:00	unit/mL
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X		00:25	01:00	00:30	mg/mL		2.5	10		Low sorb and filter						
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1		Acetaminophen doses					
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a										
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X		00:15	01:00	00:30	mg/mL		10	100								
acetylcysteine First Dose	X	X	gram	6	20		20 gram / 500 mL (0.04 gram / mL)	X		03:30	05:00	04:00	n/a											
							--- gram / --- mL													X		03:30	05:00	04:00
acetylcysteine Second Dose	X	X	gram	3	10		10 gram / 1,000 mL (0.01 gram / mL)	X		13:20	18:00	16:00	n/a											
							--- gram / --- mL													X		13:20	18:00	16:00
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X		00:45	02:00	01:00	mg/mL		0.5	7								
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X		00:15	01:00		n/a											
							25 gram / 100 mL (0.25 gram / mL)													X		00:20	01:00	
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X		00:15	02:00		n/a											
alemtuzumab	X	X	mg	11	13		12 mg / 100 mL (0.12 mg / mL)	X		03:30	06:00	04:00	n/a						Protect From Light					
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6							

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	05:00	01:00	n/a				
							--- gram / --- mL	X			00:45	05:00	01:00	gram/mL		0.01	0.02	
AMIODArone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00	00:30	mg/mL	0.5	1	3.2	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	D5W and light
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	D5W and light
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	D5W and light
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				D5W and light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	D5W and light
ampicillin							0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
	X	X	gram	0.2	12		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							12 gram / 500 mL (0.024 gram / mL)	X		22:00	23:00	25:00	24:00	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
andexanet alfa	X	X	mg	400	960		400 mg / 40 mL (10 mg / mL)	X			00:13	00:30	00:14	n/a				
							480 mg / 48 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				
							800 mg / 80 mL (10 mg / mL)	X			00:25	00:40	00:27	n/a				
							960 mg / 96 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				Filter 0.2 Micron
arginine	X	X	gram	15	40	41	--- gram / --- mL	X			00:20	01:00	00:31	gram/mL	0.02	0.025	0.08	
ascorbic acid	X	X	mg	100	2,000		1,500 mg / 100 mL (15 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL		5	20	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5	
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2	

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low-sorbing filter
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				Central Line Only
							--- mg / --- mL	X			00:08	02:00	01:00	mg/mL	10		100	
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
1,000 mg / 100 mL (10 mg / mL)							X		00:10	00:15	06:00	01:00	n/a					
2,000 mg / 100 mL (20 mg / mL)							X		00:10	00:15	06:00	01:00	n/a					
--- mg / --- mL							X		00:10	00:15	06:00		mg/mL		10	200		
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
2 gram / 50 mL (0.04 gram / mL)							X		00:25	01:00	00:30	n/a						
2 gram / 100 mL (0.02 gram / mL)							X		00:25	01:00	00:30	n/a						
3 gram / 100 mL (0.03 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/mL		0.01	0.04			
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X		00:25	01:00	00:30	n/a					
200 mg / 100 mL (2 mg / mL)							X		00:25	01:00	00:30	n/a						
1,780 mg / 100 mL (17.8 mg / mL)							X		00:25	01:00	00:30	n/a						
cefePIME 30 minute infusion	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
1 gram / 100 mL (0.01 gram / mL)							X		00:25	01:00	00:30	n/a						
2 gram / 100 mL (0.02 gram / mL)							X		00:25	01:00	00:30	n/a						
--- gram / --- mL							X		00:25	01:00	00:30	gram/mL		0.01	0.04			
cefePIME 4 hour infusion	X	X	gram	0.5	2		0.5 gram / 50 mL (0.01 gram / mL)	X		03:40	05:00	04:00	n/a					
0.5 gram / 100 mL (0.005 gram / mL)							X		03:40	05:00	04:00	n/a						
1 gram / 50 mL (0.02 gram / mL)							X		03:40	05:00	04:00	n/a						
1 gram / 100 mL (0.01 gram / mL)							X		03:40	05:00	04:00	n/a						
2 gram / 100 mL (0.02 gram / mL)							X		03:40	05:00	04:00	n/a						
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X		00:25	01:00	00:30	n/a					
100 mg / 100 mL (1 mg / mL)							X		00:25	01:00	00:30	n/a						
890 mg / 100 mL (8.9 mg / mL)							X		00:25	01:00	00:30	n/a						
cefiderocol	X	X	gram	0.75	2		0.75 gram / 100 mL (0.0075 gram / mL)	X		02:40	04:00	03:00	n/a					
1 gram / 100 mL (0.01 gram / mL)							X		02:40	04:00	03:00	n/a						
1.5 gram / 100 mL (0.015 gram / mL)							X		02:40	04:00	03:00	n/a						
2 gram / 100 mL (0.02 gram / mL)							X		02:40	04:00	03:00	n/a						
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
1 gram / 100 mL (0.01 gram / mL)							X		00:25	01:00	00:30	n/a						

Intermittent Drugs - Critical Care

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a				
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12	
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceftazidime-avibactm	X	X	gram	0.94	2.5		0.94 gram / 50 mL (0.0188 gram / mL)	X			01:40	04:00	02:00	n/a				
							1.25 gram / 100 mL (0.0125 gram / mL)	X			01:40	04:00	02:00	n/a				
							2.5 gram / 100 mL (0.025 gram / mL)	X			01:40	04:00	02:00	n/a				
ceftolozane-tazo	X	X	gram	0.15	3		1.5 gram / 100 mL (0.015 gram / mL)	X			00:40	03:00	01:00	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:40	03:00	01:00	n/a				
							--- gram / --- mL	X			00:40	03:00	01:00	gram/mL		0.001	0.03	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
crizalizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X			02:30	05:00	03:00	n/a				
							--- mg / --- mL	X			02:30	05:00	03:00	mg/mL	0.002	0.004	0.05	
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	5	
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.2	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mccg/kg	0.25	0.35		--- mccg / --- mL	X			00:15	01:00	00:30	mccg/mL		0.01	4	
dexAMETHasone	X	X	mg	4	24		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
digoxin immune fab	X	X	mg	10	800		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.1	1	
dihydroergotamine	X	X	mg	0.4	1		0.5 mg / 50 mL (0.01 mg / mL)	X			00:25	01:00	00:30	n/a				
							1 mg / 50 mL (0.02 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.002	0.02	
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
Eculizumab	X	X	mg	300		1,201	300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							600 mg / 120 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							900 mg / 180 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
edaravone	X		mg	29		31	30 mg / 100 mL (0.3 mg / mL)	X		00:25		01:00	00:30	n/a				Hypersensitivity
efgartimod alfa <i>Less than 120 kg</i>	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartimod alfa <i>120 kg and up</i>	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
eptinezumab	X		mg	95	305		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Estrogen, conjugated	X	X	mg	5	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	n/a				
Ferric CARBOXYmaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00		03:00		mg/mL		1	5
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fomepizole	X	X	mg/kg	9	16		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	20	
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL		0.5	7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin <i>Dose =< 300 mg</i>	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL		0.4	10	
gentamicin <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/mL	0.004		0.1	Glycophos
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low-sorbing filter
guselkumab	X	X	mg	195	205		200 mg / 250 mL (0.8 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron
hydroxocobalamin	X	X	gram	4	5		5 gram / 200 mL (0.025 gram / mL)	X			00:15	00:20	00:15	n/a				
ibutilide <i>pt weight < 60kg</i>	X	X	mg/kg	0.009	0.011		--- mg / --- mL	X		00:04	00:05	00:30	00:10	mg/mL		0.001	0.02	

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
ibutilide <i>pt weight >= 60kg</i>	X	X	mg	0.85	1.25		1 mg / 50 mL (0.02 mg / mL)	X		00:04	00:05	00:30	00:10	n/a				
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00		mg/mL		2	5	
imipenem-relebactam	X	X	gram	0.5	1.25		0.5 gram / 40 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							0.75 gram / 60 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							1 gram / 80 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
							1.25 gram / 100 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a				
iron DEXTRAN <i>Iron test dose</i>	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN <i>Maintenance Dose</i>	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivity
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
ketamine Intermitent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL	0.05		1	
Lacosamide	X	X	mg	45	250		50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
lecanemab	X	X	mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL		1.2	6	Filter 0.2 Micron
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levocarnitine <i>Loading Dose</i>	X	X	mg	1,500		6,000	6,000 mg / 30 mL (200 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X		00:20	01:00	00:30	mg/mL	12	195	205		
levocarnitine <i>Maintenance Dose</i>	X	X	mg/kg	12	50		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.4	0.5	8	
levofLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
lidocaine pain <i>ED wt 135 kg and up</i>	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain <i>ED wt less 135 kg</i>	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				

Intermittent Drugs - Critical Care

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name					
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max						
lidocaine pain Procedure Center	X	X	mg/kg	1.5	5.5		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		2	6	Procedure Center Pai					
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a									
magnesium sulfate			gram	0.5	10	11	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a									
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a									
	X	X					4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a									
							--- gram / --- mL	X			00:30	12:00		gram/mL			0.01	0.12					
mannitol 20%	X	X	gram	10	50		--- gram / --- mL	X		00:25		01:30	00:30	gram/mL		0.2	0.25						
meropenem 3 hour infusion			mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a									
							500 mg / 100 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a									
							1,000 mg / 50 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a									
	X	X					1,000 mg / 100 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a									
							2,000 mg / 100 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a									
							2,000 mg / 140 mL (14.2857 mg / mL)	X			02:30	04:00	03:00	n/a									
							--- mg / --- mL	X			02:30	04:00	03:00	mg/mL			4	20					
meropenem 30 minute infusion			mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a									
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a									
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a									
	X	X					1,000 mg / 100 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a									
							2,000 mg / 100 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a									
							2,000 mg / 140 mL (14.2857 mg / mL)	X			00:25	01:00	00:30	n/a									
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL			4	20					
meropenem/vaborbctam			gram	0.5	4		2 gram / 250 mL (0.008 gram / mL)	X			02:30	04:00	03:00	n/a									
							4 gram / 250 mL (0.016 gram / mL)	X			02:30	04:00	03:00	n/a									
	X	X					--- gram / --- mL	X			02:30	04:00	03:00	gram/mL		0.004	0.016						
methylene BLUE	X	X	mg/kg	0.5	6		--- mg / --- mL	X		00:05	00:10	12:00		mg/mL		0.3	10	Dextrose only					
methylPREDNISolone			mg	250	2,000		250 mg / 250 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a									
							500 mg / 250 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a									
	X	X					1,000 mg / 250 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a									
							--- mg / --- mL	X			00:15		01:00	mg/mL		1	40						
metroNIDAZOLE			mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a									
	X	X					500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a									
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5						
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51						
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a									

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
mycoPHENOLate	X	X	mg	50	1,500		---	mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcillin	X	X	gram	0.2	6		---	gram / --- mL	X			00:25	01:30	00:30	n/a				
									X			00:25	01:30	00:30	n/a				
									X			00:25	01:30	01:00	n/a				
									X			11:00	13:00	12:00	n/a				
									X			00:25	01:30		gram/mL		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a					
ondansetron	X	X	mg	2	32		---	mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64	
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL)	X		02:30	02:45	04:00	03:00	n/a					Dextrose only
								X		02:30	02:45	04:00	03:00	n/a					
pamidronate	X	X	mg	29	90		90 mg / 250 mL (0.36 mg / mL)	X			01:30	06:00	02:00	n/a					Dedicated IV Line
								X			01:30	06:00	02:00	mg/mL		0.001	0.4		
pegloticase	X	X	mg	7.9	8.1		8 mg / 250 mL (0.032 mg / mL)	X		01:55		04:00	02:00	n/a					Hypersensitivity
pemivibart	X	X	mg	4,400	4,600		4,500 mg / 50 mL (90 mg / mL)	X			00:40	02:00	01:00	n/a					Filter 0.2 Micron
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a					1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a					1unit=1million
Penicillin G	X	X	unit	1	5		---	unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
pentamidine	X	X	mg/kg	1.8	4.2		---	mg / --- mL	X			00:50	03:30		mg/mL		0.28	2.4	
PENTobarbital	X	X	mg/kg	2	15		---	mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	
peramivir	X	X	mg	100	600		600 mg / 100 mL (6 mg / mL)	X			00:10	01:00	00:15	n/a					
								X			00:10	01:00	00:15	mg/mL		1	6		
PHENobarbital	X	X	mg	30	1,000		---	mg / --- mL	X		00:10		00:30	00:15	No				
phenytoin <i>Loading Dose</i>	X	X	mg/kg	5	25		---	mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron
phenytoin <i>Maintenance Dose</i>	X	X	mg/kg	0.5	2.5		---	mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a					
								X			00:15	01:00	00:30	n/a					
								X			00:15	01:00	00:30	mg/mL		0.02	0.4		
piperacillin/tazo <i>30 minute infusion</i>	X	X	gram	0.75	4.5		0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a					
								X			00:25	01:00	00:30	n/a					

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a					
						3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a					
						4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.07		
piperacillin/tazo 4 hour infusion	X	X	gram	3.2	4.6	3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning	
						3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a					
						4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a					
						--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07		
potassium acetate Central	X	X	mEq	5	60	10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a					
						20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a					
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a					
						--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4		
potassium acetate Peripheral	X	X	mEq	5	40	10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a					
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a					
						--- mEq / --- mL	X		01:00		04:00		mEq/mL	0.05		0.2		
potassium chloride Central	X	X	mEq	5	60	10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only	
						20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a					
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a					
						--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4		
potassium chloride Peripheral	X	X	mEq	5	40	10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning	
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a					
						--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2		
potassium PHOSphate Central	X	X	mmol	14	40	15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
						20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
						25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a					
						--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24		
potassium PHOSphate Peripheral	X	X	mmol	10	30	14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a					
						15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
						20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
						--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09		
procainamide LOAD	X	X	mg	500	1,000	1,100	1,000 mg / 60 mL (16.6667 mg / mL)	X		00:20	00:25	01:00	00:30	n/a			procainamide LOAD	
						--- mg / --- mL	X		00:10	00:20	01:00	00:30	mg/mL	1.5	2	20		

Intermittent Drugs - Critical Care

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
							--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1	
ravulizumab-cwvz Loading Dose	X		mg	2,350	3,050		2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a				
							2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a				
							3,000 mg / 60 mL (50 mg / mL)	X			00:15	01:00	00:25	n/a				
ravulizumab-cwvz Maintenance Dose	X		mg	2,950	3,650		3,000 mg / 60 mL (50 mg / mL)	X			00:45	02:00	00:55	n/a				
							3,300 mg / 66 mL (50 mg / mL)	X			00:30	02:00	00:45	n/a				
							3,600 mg / 72 mL (50 mg / mL)	X			00:20	01:00	00:30	n/a				
remdesivir	X	X	mg	95	250		100 mg / 100 mL (1 mg / mL)	X			00:25	02:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00	01:00	mg/mL		0.95	3	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
risankizumab	X	X	mg	595	1,205		600 mg / 100 mL (6 mg / mL)	X			00:40	02:00	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X			01:40	04:00	02:00	n/a				
-saline flush	X	X	unit	1	10	20	10 unit / 10 mL (1 unit / mL)	X			00:01	00:05	00:01	n/a			Saline	
secukinumab	X	X	mg	60	800		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1.2	8	Filter 0.2 Micron
selexipag	X		mcg	220	1,805		225 mcg / 100 mL (2.25 mcg / mL)	X			01:00	02:00	01:20	n/a				
							450 mcg / 100 mL (4.5 mcg / mL)	X			01:00	02:00	01:20	n/a				
							675 mcg / 100 mL (6.75 mcg / mL)	X			01:00	02:00	01:20	n/a				
							900 mcg / 100 mL (9 mcg / mL)	X			01:00	02:00	01:20	n/a				
							1,125 mcg / 100 mL (11.25 mcg / mL)	X			01:00	02:00	01:20	n/a				
							1,350 mcg / 100 mL (13.5 mcg / mL)	X			01:00	02:00	01:20	n/a				
							1,575 mcg / 100 mL (15.75 mcg / mL)	X			01:00	02:00	01:20	n/a				
1,800 mcg / 100 mL (18 mcg / mL)	X			01:00	02:00	01:20	n/a											
Sinclide	X	X	mcg/kg	0.018	0.22		--- mcg / --- mL	X		00:25	00:29	01:10	01:00	mcg/mL		0.02	0.6	
sodium bicarbonate	X	X	mEq	45	155		50 mEq / 50 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							100 mEq / 100 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							150 mEq / 150 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sodium thiosulfate	X	X	gram	12.5	50		12.5 gram / 200 mL (0.0625 gram / mL)	X			00:30	05:00		n/a				
							25 gram / 200 mL (0.125 gram / mL)	X			00:30	05:00		n/a				

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5		
sotalol	X	X	mg	55	130	60 mg / 100 mL (0.6 mg / mL)	X			00:40	02:00	01:00	n/a					
						75 mg / 100 mL (0.75 mg / mL)	X			00:40	02:00	01:00	n/a					
						82.5 mg / 100 mL (0.825 mg / mL)	X			00:40	02:00	01:00	n/a					
						90 mg / 100 mL (0.9 mg / mL)	X			00:40	02:00	01:00	n/a					
						112.5 mg / 100 mL (1.125 mg / mL)	X			00:40	02:00	01:00	n/a					
						125 mg / 100 mL (1.25 mg / mL)	X			00:40	02:00	01:00	n/a					
spesolimab	X	X	mg	895	905	900 mg / 100 mL (9 mg / mL)	X			01:00	03:00	01:30	n/a				Filter and light	
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6	--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2		
tecovirimat	X		mg	95	155	100 mg / 30 mL (3.3333 mg / mL)		X		02:40	07:00	03:00	n/a					
						150 mg / 45 mL (3.3333 mg / mL)		X		02:40	07:00	03:00	n/a					
teprotumumab	X	X	mg/kg	9.5	20.5	--- mg / --- mL	X			01:00	02:30	01:30	mg/mL	2.5	3	20		
Thiamine	X	X	mg	25	501	200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a					
						300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a					
						500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
						--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11		
Thrombate III	X		unit	490	1,100	500 unit / 10 mL (50 unit / mL)		X	00:05		00:25	00:10	n/a				Dedicated IV Line	
						--- unit / --- mL		X	00:09	00:25	01:00		unit/mL	48		54		
tigeCYCLINE	X	X	mg	25	100	50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line	
						100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
TOBRAMycin <i>Dose =< 300 mg</i>	X	X	mg	40	300	80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a					
						--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10		
TOBRAMycin <i>Dose > 300 mg</i>	X	X	mg	300	840	--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10		
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
Tranexamic Acid <i>Cardiac Surgery</i>	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid <i>MTP</i>	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid <i>Ortho surgery</i>	X	X	mg	500	3,000	1,000 mg / 10 mL (100 mg / mL)		X	00:05	00:20	00:10	n/a						
						1,000 mg / 100 mL (10 mg / mL)	X			00:09	00:35	00:10	n/a					
						1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	00:35	00:10	n/a					
						1,000 mg / 510 mL (1.9608 mg / mL)	X			04:00	13:00	05:00	n/a					
						--- mg / --- mL	X	X	00:15		01:00	00:20	mg/mL	1.5		100		
Tranexamic Acid <i>Trauma/Neuro</i>	X	X	mg	990	1,100	1,000 mg / 100 mL (10 mg / mL)	X		00:08		09:00		n/a					
						1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a					
						1,000 mg / 510 mL (1.9608 mg / mL)	X			05:00	09:00		n/a					
						--- mg / --- mL	X			04:30	13:00		mg/mL	1.5		100		

Intermittent Drugs - Critical Care

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X		00:45	02:00	01:00	n/a					
							390 mg / 250 mL (1.56 mg / mL)	X		00:45	02:00	01:00	n/a					
							520 mg / 250 mL (2.08 mg / mL)	X		00:45	02:00	01:00	n/a					
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X		00:50	01:30	01:00	mg/mL		0.1	35		
VANCOMycin <i>Wausau</i>	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X		00:30	01:30	01:00	n/a					
							750 mg / 250 mL (3 mg / mL)	X		01:00	02:30	01:30	n/a					
							1,000 mg / 200 mL (5 mg / mL)	X		01:00	02:30	01:30	n/a					
							1,250 mg / 250 mL (5 mg / mL)	X		01:30	03:00	02:00	n/a					
							1,500 mg / 250 mL (6 mg / mL)	X		01:30	04:00	02:30	n/a					
							1,750 mg / 500 mL (3.5 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,000 mg / 500 mL (4 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,250 mg / 500 mL (4.5 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,500 mg / 500 mL (5 mg / mL)	X		02:30	04:00	03:00	n/a					
							--- mg / --- mL	X		01:00	04:30		mg/mL	0.5	1	7		
VANCOMycin <i>All Other Facilities</i>	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X		00:30	01:30	01:00	n/a					
							750 mg / 250 mL (3 mg / mL)	X		01:00	02:30	01:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X		01:00	02:30	01:30	n/a					
							1,250 mg / 250 mL (5 mg / mL)	X		01:30	03:00	02:00	n/a					
							1,500 mg / 500 mL (3 mg / mL)	X		02:00	04:00	02:30	n/a					
							1,750 mg / 500 mL (3.5 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,000 mg / 500 mL (4 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,250 mg / 500 mL (4.5 mg / mL)	X		02:30	04:00	02:30	n/a					
							2,500 mg / 500 mL (5 mg / mL)	X		02:30	04:00	03:00	n/a					
							--- mg / --- mL	X		01:00	04:30		mg/mL	0.5	1	7		
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X		00:25	01:30	00:30	n/a					
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X		00:50	02:00	01:00	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X		01:45	04:00	02:00	n/a					
							--- mg / --- mL	X		01:45	04:00		mg/mL	0.4		6		
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X		00:50	01:30	01:00	mg/mL		1	4		
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04	

2.2.6 Fluids

Fluids - Critical Care							
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
.Maintenance IVF	Yes	X		1	999		
IVF + KCL 10 mEq/L	Yes	X		1	999		
IVF + KCL 20 mEq/L	Yes	X		1	500		
IVF + KCL 30 mEq/L	Yes	X		1	333	350	
IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	500		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	999		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	999		Dedicated IV Line
Blood (whole)	No	X		15	375		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Ca Cl 100 mEq/Liter	Yes	X	X	30	85		
CaGLUC 100 mEq/Liter	Yes	X	X	30	85		
Dextrose 10%	Yes	X		1	250		
Heparin 2000 units	Yes	X		3	999		heparin flush bag
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
oxytocin POST PARTUM	Yes	X		10	333		
Sodium Chlor 3%	Yes	X		1		600	
sodium citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.2.7 PCA Drugs

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL	1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDRomorphone						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 1 mg / 1 mL (1 mg / mL)					
HYDRomorphone 1MG/ML						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
						No
PCA Dose	n/a	0.1	1			Dosing Units mg
Continuous Dose / h	n/a	0.2	4			
Bolus Dose	n/a	0.1	1		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	25			

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
						No
PCA Dose	n/a	0.1	4	8	1	Dosing Units mg
Continuous Dose / h	n/a	0.5	6	10	1	
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	8	10	n/a	
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	50			

PCA Drugs - Critical Care						
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)					
morphine 5 MG/ML						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.2	4			Dosing Units mg
Continuous Dose / h	n/a	0.5	30			
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	10		n/a	
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	4	75			

2.3 Education

2.3.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Adenosine (CATH LAB) 60 mg / 20 mL (3 mg / mL) 90 mg / 30 mL (3 mg / mL) 150 mg / 50 mL (3 mg / mL) --- mg / --- mL			YES	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		140	50	505		100	25		255	50	
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									
alprostadil 10 mcg / 1 mL (10 mcg / mL)		X	N/A	Continuous mcg/kg/min	0.1	0.4	0.5										

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
alteplase <i>MI 67KG or less</i> --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	1.5	1.7	1.5	14	15	16	15	14	15		15	
alteplase <i>MI greater than 67KG</i> 100 mg / 100 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	35	100	101	100	14	15	16	15	14	16		15	
alteplase <i>Pulmonary Embolism</i> 100 mg / 100 mL (1 mg / mL)	X		N/A	Continuous mg/h	49	51		50									
alteplase <i>Stroke 100kg and up</i> 90 mg / 90 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	80	82		81	8.9	9.1		9	4	9.1		9	
alteplase <i>Stroke less 100 kg</i> --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.78	0.82		0.81	0.08	0.09		0.09	0.04	0.1		0.09	
alteplase <i>Vascular Occlusions</i> 25 mg / 125 mL (0.2 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	0.5	2	5										
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		N/A	Continuous gram/h	1	2	5	1									
AMIODArone 360 mg / 200 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X X		N/A	Continuous mg/min	0.5	1	1.5										Filter 0.2 Micron
argatroban <i>.Standard Dosing</i> 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X X X		N/A	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.1	5	10.1	0.5								2nd RN to verify	
atracurium 50 mg / 250 mL (0.2 mg / mL) 100 mg / 500 mL (0.2 mg / mL) 125 mg / 250 mL (0.5 mg / mL)	X		N/A	Continuous mcg/kg/min	1.8	30	39									Neuromuscular BA	
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Dialysis dosing 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.2	0.3		0.25	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.15	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 12.5 mg / 50 mL (0.25 mg / mL) 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X		N/A	Continuous mg/h	0.1	4	8										
cisATracurium 200 mg / 200 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1	Neuromuscular BA
Clevidipine 25 mg / 50 mL (0.5 mg / mL)	X		N/A	Continuous mg/h	1	32	50									12 Hour Tubing	
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
dexmedetomidine 400 mcg / 100 mL (4 mcg / mL) 1,000 mcg / 250 mL (4 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.05		1.5	0.2	0.5	2	2.1	1	0.03	0.04	0.067	0.033	
Dextrose - Heparin 50 unit / 1 mL (50 unit / mL)	X		N/A	Continuous unit/h	200	600	1,000										Impella advisory
diltiazem 125 mg / 125 mL (1 mg / mL)	X		N/A	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	2.5		15	5	5	20	25		4	5	12.5	5	
DOBUTamine Standard Dosing 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.5	15											
DOBUTamine Stress test 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	2.5	40											Stress Test
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	1	20	50										Central Line Only
EPINEPHrine 4 mg / 250 mL (0.016 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	2											Central Line Only
eptifibatide Standard Dosing 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mcg/kg/min	0.5	2.2		2									CrCl > 50 mL/min
eptifibatide Weight 121kg & above 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mg/h	13	15.1		15									CrCl > 50 mL/min
eptifibatide Renal Dose 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mcg/kg/min	0.25	1.1		1									CrCl < 50 mL/min
eptifibatide Renal Dose wt >121kg 75 mg / 100 mL (0.75 mg / mL)	X		N/A	Continuous mg/h	6	7.6		7.5									CrCl < 50 mL/min

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
esmolol 2,500 mg / 250 mL (10 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	25	300		100	100	500			100	500			
fat emulsion 20% --- gram / --- mL		X	YES	Continuous gram/kg/day	0.5	3.5	5										1.2 micron filter
fenoldopam 10 mg / 250 mL (0.04 mg / mL) 20 mg / 250 mL (0.08 mg / mL)	X X		N/A	Continuous mcg/kg/min	0.01	0.1	0.4										
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Gammagard 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X X X X X		YES	Continuous mg/kg/h	25		500										No filter required
Gamunex - C 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X X X		YES	Continuous mg/kg/h	25		500										No filter required
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin ECMO 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500			500	4,000	6,000		1,000		1,600	1,600	
heparin Impella 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	2,500	3,500		1,000	4,000	5,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
heparin TBI 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	1,500	3,500										2nd RN to verify
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	30	75										Insulin advisory
isoproterenol 1 mg / 250 mL (0.004 mg / mL)	X		N/A	Continuous mcg/min	0.5	10											
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous Non-anesthesia 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.05	0.2											

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
labetalol 300 mg / 150 mL (2 mg / mL) 500 mg / 250 mL (2 mg / mL)	X		N/A	Continuous mg/min	0.05	2.5		2									
Lidocaine Continuous 2,000 mg / 500 mL (4 mg / mL)	X		N/A	Continuous mg/min	0.5	4	5										
LORazepam 40 mg / 120 mL (0.3333 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	10	25		1	10	10.1		1	5	5.1	5	Filter 0.2 Micron
mag sulfate L&D 20 gram / 500 mL (0.04 gram / mL) 40 gram / 1,000 mL (0.04 gram / mL)	X		N/A	Continuous gram/h Bolus Dose gram Bolus Admin Rate gram/min	0.5	6	8	2	2		6.1	4	0.06		0.1	0.067	2nd RN to verify
midazolam 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.25	20			0.5	5			1	2		2	
milrinone 20 mg / 100 mL (0.2 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.25	0.75	0.8		25	50	55	50	1	5			
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
nesiritide 1.5 mg / 250 mL (0.006 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.005	0.01	0.3	0.01	0.5	2.1		2	0.5	2			
niCARDipine 20 mg / 200 mL (0.1 mg / mL) 25 mg / 250 mL (0.1 mg / mL)	X		N/A	Continuous mg/h	0.5	15										Central preferred	
nitroGLYcerin 25 mg / 250 mL (0.1 mg / mL) 50 mg / 250 mL (0.2 mg / mL)	X		N/A	Continuous mcg/min	1	200											
nitroPRUSSide 50 mg / 250 mL (0.2 mg / mL) 100 mg / 250 mL (0.4 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	10										Protect From Light	
NORepinephrine 4 mg / 250 mL (0.016 mg / mL) 8 mg / 250 mL (0.032 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	0.01	3										Central Line Only	
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Subsequent - 3.5 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab Subsequent -2 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	60		360	120								Filter 0.2 Micron	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175			12	25		12.5	
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		N/A	Continuous milliunit/min	0.5	40	300										

Continuous/Bolus - Non-Anesthesia Drugs - Education																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		N/A	Continuous mg/h	7	9		8									
PHENYLEphrine 40 mg / 250 mL (0.16 mg / mL) --- mg / --- mL	X	X	YES	Continuous mcg/kg/min	0.02	9											Central Line Only
Privigen 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500										No filter required
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	N/A	Continuous mcg/kg/min	5	70	80										12 Hour Tubing
ritUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	25		410	50									Hypersensitivity
tirofiban 5 mg / 100 mL (0.05 mg / mL) 12.5 mg / 250 mL (0.05 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.04		0.2	0.15	11		26	25	0.3		9	8.33	Tirofiban dosing
vasopressin 40 unit / 100 mL (0.4 unit / mL)	X		N/A	Continuous unit/min	0.01		0.11										Central Line Only
vecuronium 100 mg / 250 mL (0.4 mg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120			Neuromuscular BA
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

2.3.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Adenosine (CATH LAB) WeightBased	X		mcg/mL*	2,000	2,500	3,500
alteplase MI 67KG or less WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Stroke less 100 kg WeightBased	X		mg/mL	0.98	0.99	1.01
alteplase Vascular Occlusions NonWeightBased	X		mg/mL	0.1		0.3
cisATRAcurium WeightBased	X		mcg/mL*	998	1,000	1,001
CMV immunoglobulin WeightBased	X		mg/mL	49		51
dexmedeTOMIDine WeightBased	X		mcg/mL	3.9		5
DOBUTamine .Standard Dosing WeightBased	X		mcg/mL*	1,000		4,000
DOPamine WeightBased	X		mcg/mL*	800		3,200
EPINEPHrine WeightBased	X		mcg/mL*	16		100
fat emulsion 20% WeightBased		X	gram/mL	0.19		0.21
Gammagard 10% WeightBased	X		mg/mL*	49		101
Gamunex - C 10% WeightBased	X		mg/mL*	99		101
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Kcentra NonWeightBased	X	X	unit/mL	20		32
Ketamine Continuous <i>Non-anesthesia</i> WeightBased	X		mg/mL	0.4	0.5	2
LORazepam NonWeightBased	X		mg/mL	0.3		0.6
midazolam NonWeightBased	X		mg/mL	0.2		1
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
NORepinephrine WeightBased	X		mcg/mL*	7	16	64
octreotide NonWeightBased	X		mcg/mL	1		6
PHENYLEphrine WeightBased	X		mcg/mL*	35		320
Privigen 10% WeightBased	X		mg/mL*	99		101
rITUXimab ACU NonWeightBased	X		mg/mL	1.8		2.1
Zidovudine infusion WeightBased	X		mg/mL	1		4

* Units Only concentration and Dosing Units have different units of measure.

2.3.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Education																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
atracurium 10 mg / 1 mL (10 mg / mL) 20 mg / 100 mL (0.2 mg / mL) 50 mg / 100 mL (0.5 mg / mL)	X	X	N/A	Continuous mcg/kg/min	1.8	30	39									
cisATRAcurium 2 mg / 1 mL (2 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.5	6	10		0.05	0.15	0.2	0.1	0.05	0.15	0.2	0.1
dantrolene ANESTHESI --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	100	500			0.5	2.5	2.7	1	0.001	0.04		0.017
dantrolene ANESTHESI 20 mg / 60 mL (0.3333 mg / mL)		X	N/A	Continuous mg/kg/h	0.15	0.3		0.25								
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	N/A	Continuous unit/h	0.2	30	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/kg/h	0.1	1										
midazolam 1 mg / 1 mL (1 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	6			10	300			10	25		

Continuous/Bolus - Anesthesia Only Drugs - Education																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
protamine sulfate 10 mg / 1 mL (10 mg / mL)		X	N/A	Continuous mg/min Bolus Dose mg Bolus Admin Rate mg/min	0.1	5			5	50			1	5		
remifentanyl 5,000 mcg / 100 mL (50 mcg / mL)	X		N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		
rocuronium 10 mg / 1 mL (10 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	1	20			10	1,200			10	1,200		
succinylcholine 20 mg / 1 mL (20 mg / mL)		X	N/A	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	1	4.3			0.1	1.2			0.3	2.8		2.4
SUFentanyl 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		
vecuronium 1 mg / 1 mL (1 mg / mL)		X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.01	2.5			5	120			5	120		

2.3.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Education						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
dantrolene ANESTHESI NonWeightBased	X		mg/mL	0.1	0.3	0.35
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL	0.2	0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL	0.2	0.8	1.2

2.3.5 Intermittent Drugs

Intermittent Drugs - Education																			
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
Abatacept	X	X	mg	250		1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2.5	10	Low sorb and filter	
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses	
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a					
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100		
acetylcysteine First Dose	X	X	gram	6	20		20 gram / 500 mL (0.04 gram / mL)	X			03:30	05:00	04:00	n/a					
							--- gram / --- mL	X			03:30	05:00	04:00	gram/mL		0.012	0.04		
acetylcysteine Second Dose	X	X	gram	3	10		10 gram / 1,000 mL (0.01 gram / mL)	X			13:20	18:00	16:00	n/a					
							--- gram / --- mL	X			13:20	18:00	16:00	gram/mL		0.003	0.01		
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7		
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00		n/a					
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00		n/a					
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a					
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6		
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	05:00	01:00	n/a					
							--- gram / --- mL	X			00:45	05:00	01:00	gram/mL		0.01	0.02		

Intermittent Drugs - Education

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
AMIODArone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL) --- mg / --- mL	X			00:08	00:15	00:10	n/a				
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	D5W and light
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	D5W and light
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	D5W and light
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				D5W and light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	D5W and light
ampicillin pt weight < 40kg	X	X	mg/kg	20	100	110	--- mg / --- mL	X	X	00:03	00:08	01:30	00:30	mg/mL		5	100	
ampicillin pt weight >= 40kg	X	X	gram	0.25	3		--- gram / --- mL	X	X	00:03	00:08	01:30	00:30	gram/mL		0.005	0.1	
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
3 gram / 100 mL (0.03 gram / mL)							X			00:10	01:00	00:15	n/a					
--- gram / --- mL							X			00:10	01:00	00:15	gram/mL	0.015		0.45		
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a				
--- mg / --- mL							X		00:50		03:00	01:00	mg/mL		0.5	2.5		
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 100 mL (0.02 gram / mL)							X			00:25	01:00	00:30	n/a					
--- gram / --- mL							X			00:25	01:00	00:30	gram/mL	0.001		0.2		
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X			00:08	02:00	01:00	n/a				
--- mg / --- mL							X			00:08	02:00	01:00	mg/mL	10		100		
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
--- mg / --- mL							X			00:10	00:15	06:00	mg/mL		10	200		
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
2 gram / 50 mL (0.04 gram / mL)							X			00:25	01:00	00:30	n/a					
2 gram / 100 mL (0.02 gram / mL)							X			00:25	01:00	00:30	n/a					
3 gram / 100 mL (0.03 gram / mL)							X			00:25	01:00	00:30	n/a					
--- gram / --- mL							X			00:25	01:00	00:30	gram/mL		0.01	0.04		
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
1 gram / 100 mL (0.01 gram / mL)							X			00:25	01:00	00:30	n/a					
2 gram / 50 mL (0.04 gram / mL)							X			00:25	01:00	00:30	n/a					
2 gram / 100 mL (0.02 gram / mL)							X			00:25	01:00	00:30	n/a					

Intermittent Drugs - Education

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
cefTAZidime	X	X	gram	0.5	2		--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
							1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X		00:25	01:00	00:30	n/a					
cefTRIAxone	X	X	gram	0.125	2		--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
							1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X		00:25	01:00	00:30	n/a					
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a					
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:20	01:00	00:30	n/a					
							900 mg / 50 mL (18 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:10	01:00	00:30	mg/mL		3	18		
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
cytarabine CONTINUOUS	X	X	mg/m2	80	220	300	--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	cytarabine INFUSION
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.2	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
digoxin immune fab	X	X	mg	10	800		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.1	1	
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X		00:45	04:00		mg/mL		0.1	1		
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X		00:25	02:00	00:30	n/a					
							--- gram / --- mL	X		00:25	02:00	00:30	gram/mL		0.01	0.02		
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X		00:30	02:00	01:30	n/a					
							--- mg / --- mL	X		00:30	02:00	01:30	mg/mL		1	5		
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				

Intermittent Drugs - Education

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							250 mg / 250 mL (1 mg / mL)	X		00:30	02:30	02:00	n/a					
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X		00:30	04:00	01:00	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:30	04:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X		00:30	04:00	02:00	n/a					
							--- mg / --- mL	X		00:30	04:00		mg/mL		1	2		
fomepizole	X	X	mg/kg	9	16		--- mg / --- mL	X		00:25	01:00	00:30	mg/mL		1	20		
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X		00:10	00:30	00:20	n/a					
							--- mg / --- mL	X		00:10	00:30	00:20	mg/mL		1.5	25		
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X		00:50	02:00	01:00	mg/mL		1	10		
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL		0.4	10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	
ibutilide pt weight < 60kg	X	X	mg/kg	0.009	0.011		--- mg / --- mL	X		00:04	00:05	00:30	00:10	mg/mL		0.001	0.02	
ibutilide pt weight >= 60kg	X	X	mg	0.85	1.25		1 mg / 50 mL (0.02 mg / mL)	X		00:04	00:05	00:30	00:10	n/a				
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X		00:25	01:00	00:30	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:25	01:00	00:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X		00:50	02:00	01:00	n/a					
							--- mg / --- mL	X		00:25	02:00		mg/mL		2	5		
iron DEXTRAN Iron test dose	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN Maintenance Dose	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X		00:06	01:00	00:15	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:15	01:00	00:30	n/a					
							300 mg / 250 mL (1.2 mg / mL)	X		01:00	02:00	01:30	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X		02:00	03:00	02:30	n/a					
							500 mg / 250 mL (2 mg / mL)	X		03:30	05:00	04:00	n/a					
							--- mg / --- mL	X		00:15	05:00		mg/mL		0.2	2.1		
ketamine Intermittent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X		00:10	00:30	00:15	No					

Intermittent Drugs - Education

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9			5
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5		15
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
lidocaine pain <i>ED wt 135 kg and up</i>	X	X	mg	190	210		200 mg / 100 mL (2 mg / mL)	X		00:09		01:30	00:10	n/a				
lidocaine pain <i>ED wt less 135 kg</i>	X	X	mg/kg	0.5	5.2		--- mg / --- mL	X		00:09		01:30	00:10	No				
lidocaine pain <i>Procedure Center</i>	X	X	mg	0.5	5.2		--- mg / --- mL	X			00:30	01:30	01:00	No				
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
magnesium sulfate							1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
	X	X	gram	0.5	10	11	2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a				
							--- gram / --- mL	X			00:30	12:00		gram/mL		0.01		0.12
mannitol 20%	X	X	gram	10	50		--- gram / --- mL	X		00:25		01:30	00:30	gram/mL		0.2		0.25
meropenem <i>3 hour infusion</i>							500 mg / 50 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
	X	X	mg	250	4,000		1,000 mg / 50 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 140 mL (14.2857 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			02:30	04:00	03:00	mg/mL		4		20
meropenem <i>30 minute infusion</i>							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
	X	X	mg	250	4,000		1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							2,000 mg / 140 mL (14.2857 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4		20
methylene BLUE	X	X	mg/kg	0.5	6		--- mg / --- mL	X		00:05	00:10	12:00		mg/mL		0.3		10
Dextrose only																		
methylPREDNISolone							250 mg / 250 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a				
	X	X	mg	250	2,000		500 mg / 250 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a				

Intermittent Drugs - Education

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
metronIDAZOLE	X	X	mg	250	1,000		--- mg / --- mL	X		00:15		01:00	mg/mL		1	40		
							250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
miconazole	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
naftidipine							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
	X	X	gram	0.2	2		2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64	
oprelvekin	X	X	mg	29	90		90 mg / 250 mL (0.36 mg / mL)	X			01:30	06:00	02:00	n/a			Dedicated IV Line	
							--- mg / --- mL	X			01:30	06:00	02:00	mg/mL		0.001	0.4	
pegfilgrastim	X	X	mg	7.9	8.1		8 mg / 250 mL (0.032 mg / mL)	X		01:55		04:00	02:00	n/a			Hypersensitivity	
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a			1unit=1million	
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a			1unit=1million	
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	
PENTobarbital	X	X	mg/kg	5	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		1	8	
phenytoin Loading Dose	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	
phenytoin Maintenance Dose	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	
phytonadione							5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
	X	X	mg	1	10		10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazobactam 30 minute infusion							0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a				
							2.25 gram / 50 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
	X	X	gram	0.75	4.5		3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.07	

Intermittent Drugs - Education

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL			0.02	
potassium chloride <i>Central</i>	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride <i>Peripheral</i>	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate <i>Central</i>	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate <i>Peripheral</i>	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				
							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
Sincalide	X	X	mcg/kg	0.018	0.22		--- mcg / --- mL	X		00:30	00:55	01:10	01:00	mcg/mL		0.02	0.6	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
Thrombate III	X		unit	490	1,100		500 unit / 10 mL (50 unit / mL)		X	00:05		00:25	00:10	n/a				Dedicated IV Line
							--- unit / --- mL		X	00:09	00:25	01:00		unit/mL	48		54	

Intermittent Drugs - Education

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAmycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAmycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
Tranexamic Acid Cardiac Surgery	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid MTP	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid Ortho surgery	X	X	mg	500	3,000		1,000 mg / 10 mL (100 mg / mL)		X		00:05	00:20	00:10	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:09	00:35	00:10	n/a					
							1,000 mg / 110 mL (9.0909 mg / mL)	X		00:09	00:35	00:10	n/a					
							1,000 mg / 510 mL (1.9608 mg / mL)	X		04:00	13:00	05:00	n/a					
							--- mg / --- mL	X	X	00:15		01:00	00:20	mg/mL	1.5		100	
Tranexamic Acid Trauma/Neuro	X	X	mg	990		1,100	1,000 mg / 100 mL (10 mg / mL)	X		00:08		09:00		n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			05:00	09:00		n/a				
							--- mg / --- mL	X		04:30	13:00		mg/mL	1.5		100		
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X		01:45	04:00	02:00	n/a					
							--- mg / --- mL	X		01:45	04:00		mg/mL	0.4		6		
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04	

2.3.6 Fluids

Fluids - Education							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
IVF + KCL 10 mEq/L	Yes	X		1	999		

Fluids - Education							Clinical Ads. Name
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			
		P	S	Soft Min	Soft Max	Hard Max	
IVF + KCL 20 mEq/L	Yes	X		1	500		
IVF + KCL 30 mEq/L	Yes	X		1	333	350	
IVF + KCL 40 mEq/L	Yes	X		1	250	275	
Maint IVF+Additives	Yes	X		1	500		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	999		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	999		Dedicated IV Line
Blood (whole)	No	X		15	375		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Ca Cl 100 mEq/Liter	Yes	X	X	30	85		
CaGLUC 100 mEq/Liter	Yes	X	X	30	85		
Dextrose 10%	Yes	X		1	250		
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
oxytocin POST PARTUM	Yes	X		10	333		
Sodium Chlor 3%	Yes	X		1		600	
sodium citrate 4%	Yes	X	X	100	210		
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.3.7 PCA Drugs

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL	1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDRomorphone						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Education						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	4	8	1	Dosing Units
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

2.4 L & D

2.4.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - L & D																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	

Continuous/Bolus - Non-Anesthesia Drugs - L & D

Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	30	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
labetalol 300 mg / 150 mL (2 mg / mL) 500 mg / 250 mL (2 mg / mL)	X		N/A	Continuous mg/min	0.05	2.5		2									
mag sulfate L&D 20 gram / 500 mL (0.04 gram / mL) 40 gram / 1,000 mL (0.04 gram / mL)	X		N/A	Continuous gram/h Bolus Dose gram Bolus Admin Rate gram/min	0.5		4	2	1		6.1	4	0.05		0.3	0.2	Magnesium
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											

Continuous/Bolus - Non-Anesthesia Drugs - L & D

Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
oxytocin 30 unit / 500 mL (0.06 unit / mL)	X		N/A	Continuous milliunit/min	0.5	40	300										
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		N/A	Continuous mg/h	7	9		8									
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		N/A	Continuous mg/min	10	15											Code only drugs
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X X X		YES	Continuous mcg/kg/min	2.5	15											Code only drugs
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		N/A	Continuous mcg/kg/min	1	40	50										Code only drugs
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	0.5											Code only drugs
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		N/A	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	1											Code only drugs
zz PHENYLephrine 40 mg / 250 mL (0.16 mg / mL)	X		N/A	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

2.4.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - L & D						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
naloxone NonWeightBased	X		mg/mL	0.001		0.008
Wilate NonWeightBased	X		unit/mL	80	90	120
Zidovudine infusion WeightBased	X		mg/mL	1		4
zz DOBUTamine WeightBased	X		mcg/mL*	1,000		4,000

* Units Only concentration and Dosing Units have different units of measure.

2.4.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - L & D																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X		N/A	Continuous unit/h	0.2	30	75									
Ketamine Continuous 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	5	30										

Continuous/Bolus - Anesthesia Only Drugs - L & D																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
Ketamine Continuous 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.1	1										
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
remifentanyl 5,000 mcg / 100 mL (50 mcg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		
SUFentanyl 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.1	2			0.5	5			0.5	2.5		

2.4.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - L & D						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous NonWeightBased	X		mg/mL	0.2	0.8	1.2
Ketamine Continuous WeightBased	X		mg/mL	0.2	0.8	1.2

2.4.5 Intermittent Drugs

Intermittent Drugs - L & D																						
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name				
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max					
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses				
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a								
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7					
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a								
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6					
ampicillin			gram	0.2	12		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a								
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a								
	X	X					1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a								
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a								
							12 gram / 500 mL (0.024 gram / mL)	X			22:00	23:00	25:00	24:00	n/a							
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1					
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a								
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a								
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a								
ampicillin/sulbactam	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a								
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a								
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45					
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:50		03:00	01:00	n/a								
							--- mg / --- mL	X		00:50		03:00	01:00	mg/mL		0.5	2.5					
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a								
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a								
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.001		0.2					
caffeine/sodium benzoate	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a								
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a								
							1,000 mg / 100 mL (10 mg / mL)	X		00:10	00:15	06:00	01:00	n/a								
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a								
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200					
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a								
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a								
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a								
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a								
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04					

Intermittent Drugs - L & D

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME 30 minute infusion	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefePIME 4 hour infusion	X	X	gram	0.5	2		0.5 gram / 50 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
							0.5 gram / 100 mL (0.005 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a				
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				

Intermittent Drugs - L & D

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
CLINDAmycin	X	X	mg	50	900		400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL			3	18
DAPTOmycin	X	X	mg	250	1,000		500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		2		15
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL			0.01	0.02
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL			1	5
Estrogen, conjugated	X	X	mg	5	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	n/a				
Ferric CARBOXYmaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL		1.5		3.2
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL			1	5
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL			1.5	25
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin <i>Dose =< 300 mg</i>	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X			00:25		01:20	00:30	mg/mL			0.4
gentamicin <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL		6	8	Filter 0.2 Micron
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a				
							--- mg / --- mL	X			00:25	02:00		mg/mL			2	5
iron DEXTRAN	X	X	mg	100	2,000		--- mg / --- mL	X		01:00	01:30	04:00		mg/mL		2	4	

Intermittent Drugs - L & D

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a				
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a				
							--- mg / --- mL	X			00:15	05:00		mg/mL		0.2	2.1	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9	5		
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
meropenem <i>3 hour infusion</i>	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a				
							2,000 mg / 140 mL (14.2857 mg / mL)	X			02:30	04:00	03:00	n/a				
--- mg / --- mL	X			02:30	04:00	03:00	mg/mL		4	20								
meropenem <i>30 minute infusion</i>	X	X	mg	250	4,000		500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a				
							2,000 mg / 140 mL (14.2857 mg / mL)	X			00:25	01:00	00:30	n/a				
--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20								
metroNIDAZOLE	X	X	mg	250	1,000		250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a				
							--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
nafcillin	X	X	gram	0.2	6		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	

Intermittent Drugs - L & D

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
phenytoin <i>Loading Dose</i>	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron
phenytoin <i>Maintenance Dose</i>	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazo <i>30 minute infusion</i>	X	X	gram	0.75	4.5		0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a				
							2.25 gram / 50 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				
							3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.07	
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a				pip-tazo warning
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a				
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a				
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL		0.02	0.07	
potassium chloride <i>Central</i>	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a				
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4	
potassium chloride <i>Peripheral</i>	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a				KCL warning
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a				
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.2	
potassium PHOSphate <i>Central</i>	X	X	mmol	14	40		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a				
							--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01	0.24	
potassium PHOSphate	X	X	mmol	10	30		14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a				

Intermittent Drugs - L & D

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
<i>Peripheral</i>							15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09	
promethazine	X	X	mg	10	50		12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a				
							25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a				
							50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a				
							--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				
							--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3	
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAMycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAMycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tranexamic Acid	X	X	mg	500	3,000		1,000 mg / 100 mL (10 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	00:35	00:10	n/a				
							--- mg / --- mL	X			00:09	01:00		mg/mL	1.5		100	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOMycin .Wausau	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:30	04:00	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7	
VANCOMycin	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				

Intermittent Drugs - L & D																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
All Other Facilities							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 500 mL (3 mg / mL)	X			02:00	04:00	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
						--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7		
VORiconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	

2.4.6 Fluids

Fluids - L & D							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	500		
AmNIOinfusion	Yes	X	X	50	650		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Dextrose 10%	Yes	X		1	250		
oxytocin POST PARTUM	Yes	X		10	999		

2.4.7 PCA Drugs

PCA Drugs - L & D						
Drug Name Therapy	Concentrations:					
fentaNYL	600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	10	50	150	10	No
Continuous Dose / h	n/a	10	50	400		Dosing Units mcg
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	10	50	200	n/a	Yes
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	400	600			2nd RN to verify

PCA Drugs - L & D						
Drug Name Therapy	Concentrations:					
HYDROmorphine	6 mg / 30 mL (0.2 mg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	0.1	0.6		0.2	No
Continuous Dose / h	n/a	0.1	0.4			Dosing Units mg
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.1	1		n/a	Yes
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	1	6			2nd RN to verify

PCA Drugs - L & D						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	4	8	1	Dosing Units
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

2.5 Med Surg

2.5.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									
AMIODARone 360 mg / 200 mL (1.8 mg / mL) 900 mg / 500 mL (1.8 mg / mL)	X		N/A	Continuous mg/min	0.5	1	1.5										Filter 0.2 Micron
Aralast --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Aralast/Glassia rate
argatroban .Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.45	10	10.1	1.5									2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X	X	N/A	Continuous mcg/kg/min	0.1	5	10.1	0.5								2nd RN to verify	
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76	0.75		
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.24	1.1		1	0.3	0.76		0.75	0.3	0.76	0.75		
bumetanide continuos 12.5 mg / 50 mL (0.25 mg / mL) 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X	X	N/A	Continuous mg/h	0.1	4	8										
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
DOPamine 400 mg / 250 mL (1.6 mg / mL) --- mg / --- mL	X	X	YES	Continuous mcg/kg/min	1	20	50									Central Line Only	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50	50		
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50	50		
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
FUROsemide continuous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	1	80	160										
FUROsemide continuous All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	1	80	160										
Gammagard 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	
Gamunex - C 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500									No filter required	
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Aralast/Glassia rate	
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
HYDRO morphine 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.5	5										2nd RN to verify	
inFLIX imab --- mg / --- mL	X		YES	Continuous mg/h	4	1,000										Filter1.2/hypers ens	
insulin <i>Non-anesthesia</i> 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.2	30	75									Insulin advisory	
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									
Ketamine Continuous <i>Non-anesthesia</i> 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mg/kg/h	0.05	0.5											
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	0.064	3.9											
Octagam 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	75		50	25	175			12	25	12.5		
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		N/A	Continuous mg/h	7	9		8									

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Panzyga 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500										
Privigen 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500									No filter required	
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4								Proteinase rate note	
ritUXimab ACU 1,000 mg / 500 mL (2 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	25		410	50								Hypersensitivity	
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Proteinase rate note	
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		N/A	Continuous mg/min	10	15										Code only drugs	
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	2.5	15										Code only drugs	
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		N/A	Continuous mcg/kg/min	1	40	50									Code only drugs	
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	0.5										Code only drugs	

Continuous/Bolus - Non-Anesthesia Drugs - Med Surg																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		N/A	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	1											Code only drugs
zz PHENYLephine 40 mg / 250 mL (0.16 mg / mL)	X		N/A	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

2.5.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Med Surg						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Aralast WeightBased	X		mg/mL	15		25
CMV immunoglobulin WeightBased	X		mg/mL	49		51
DOPamine WeightBased	X		mcg/mL*	800		3,200
Flebogamma 10% WeightBased	X		mg/mL*	99		101
FUROsemide continous AIR NonWeightBased	X		mg/mL	0.4	0.5	11
FUROsemide continous All Other Facilities NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL*	49		101
Gamunex - C 10% WeightBased	X		mg/mL*	99		101

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Med Surg						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Glassia WeightBased	X		mg/mL	15		25
HYDROmorphine 1MG/ML NonWeightBased	X		mg/mL	0.6	0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL	0.3	0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
Octagam 10% WeightBased	X		mg/mL*	99		101
octreotide NonWeightBased	X		mcg/mL	1		6
Panzyga 10% WeightBased	X		mg/mL*	99		101
Privigen 10% WeightBased	X		mg/mL*	99		101
Prolastin-C WeightBased	X		mg/mL	35		60
riTUXimab ACU NonWeightBased	X		mg/mL	1.3		2.1
Wilate NonWeightBased	X		unit/mL	80	90	120
Zemaira WeightBased	X		mg/mL	35		60

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Med Surg						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Zidovudine infusion WeightBased	X		mg/mL	1		4
zz DOBUTamine WeightBased	X		mcg/mL*	1,000		4,000

* Units Only concentration and Dosing Units have different units of measure.

2.5.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Med Surg																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X		N/A	Continuous unit/h	0.2	30	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/h	5	30										
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.1	1										
Propofol ANESTHESIA 10 mg / 1 mL (10 mg / mL) 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	5	300			100	3,000			100	1,500		
remifentanyl 5,000 mcg / 100 mL (50 mcg / mL)	X	X	N/A	Continuous mcg/kg/min Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.025	0.2			0.25	1			0.25	1.5		

2.5.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Med Surg						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL	0.2	0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL	0.2	0.8	1.2

2.5.5 Intermittent Drugs

Intermittent Drugs - Med Surg																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
fluid bolus	X	X	unit	10	1,000		500 unit / 500 mL (1 unit / mL)	X			00:30	03:00	01:00	n/a				Saline
							1,000 unit / 1,000 mL (1 unit / mL)	X			01:00	03:00	01:01	n/a				
							--- unit / --- mL	X			00:05	03:00	01:00	unit/mL	0.9		1.1	
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine First Dose	X	X	gram	6	20		20 gram / 500 mL (0.04 gram / mL)	X			03:30	05:00	04:00	n/a				
							--- gram / --- mL	X			03:30	05:00	04:00	gram/mL		0.012	0.04	
acetylcysteine Second Dose	X	X	gram	3	10		10 gram / 1,000 mL (0.01 gram / mL)	X			13:20	18:00	16:00	n/a				
							--- gram / --- mL	X			13:20	18:00	16:00	gram/mL		0.003	0.01	
acyclovir	X	X	mg	100	2,000		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7	
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00		n/a				
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00		n/a				
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a				
amikacin	X	X	mg/kg	4	30	35	--- mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6	
AMIODARone Loading	X	X	mg	149	301		150 mg / 100 mL (1.5 mg / mL)	X			00:08	00:15	00:10	n/a				
							--- mg / --- mL	X			00:08	01:00	00:30	mg/mL	0.5	1	3.2	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.8	5.5		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	D5W and light

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
amphotericin B Standard Dosing	X	X	mg	1	100		--- mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	D5W and light
amphotericin B Blasto load < 100 KG	X	X	mg/kg	0.45	0.55	0.6	--- mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	D5W and light
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				D5W and light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	D5W and light
ampicillin	X	X	gram	0.2	12		0.5 gram / 50 mL (0.01 gram / mL)	X		00:25	01:00	00:30	n/a					
							1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							12 gram / 500 mL (0.024 gram / mL)	X	22:00	23:00	25:00	24:00	n/a					
							--- gram / --- mL	X		00:25	01:00	00:30	gram/mL	0.005			0.1	
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X		00:25	01:00	00:30	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:25	01:00	00:30	n/a					
							1,780 mg / 100 mL (17.8 mg / mL)	X		00:25	01:00	00:30	n/a					
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X		00:10	01:00	00:15	n/a					
							3 gram / 100 mL (0.03 gram / mL)	X		00:10	01:00	00:15	n/a					
							--- gram / --- mL	X		00:10	01:00	00:15	gram/mL	0.015		0.45		
andexanet alfa	X	X	mg	400	960		400 mg / 40 mL (10 mg / mL)	X		00:13	00:30	00:14	n/a					
							480 mg / 48 mL (10 mg / mL)	X		01:40	03:00	02:00	n/a					
							800 mg / 80 mL (10 mg / mL)	X		00:25	00:40	00:27	n/a					
							960 mg / 96 mL (10 mg / mL)	X		01:40	03:00	02:00	n/a					
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X	00:50		03:00	01:00	n/a					
							--- mg / --- mL	X	00:50		03:00	01:00	mg/mL		0.5	2.5		
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							--- gram / --- mL	X		00:25	01:00	00:30	gram/mL	0.001		0.2		
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X		00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron	
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X	00:50	00:55	02:00	01:01	n/a					
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL)	X		00:08	02:00	01:00	n/a					
							--- mg / --- mL	X		00:08	02:00	01:00	mg/mL	10		100		
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X	00:10	00:15	06:00	01:00	n/a					
							1,000 mg / 100 mL (10 mg / mL)	X	00:10	00:15	06:00	01:00	n/a					
							2,000 mg / 100 mL (20 mg / mL)	X	00:10	00:15	06:00	01:00	n/a					
							--- mg / --- mL	X	00:10	00:15	06:00		mg/mL		10	200		
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
ceFAZolin challenge	X	X	mg	20	1,780	20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a					
						200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a					
						1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a					
cefePIME 30 minute infusion	X	X	gram	0.25	2	1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
cefePIME 4 hour infusion	X	X	gram	0.5	2	0.5 gram / 50 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a					
						0.5 gram / 100 mL (0.005 gram / mL)	X			03:40	05:00	04:00	n/a					
						1 gram / 50 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a					
						1 gram / 100 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a					
cefePIME challenge	X	X	mg	10	980	10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a					
						100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a					
						890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a					
cefidierocol	X	X	gram	0.75	2	0.75 gram / 100 mL (0.0075 gram / mL)	X			02:40	04:00	03:00	n/a					
						1 gram / 100 mL (0.01 gram / mL)	X			02:40	04:00	03:00	n/a					
						1.5 gram / 100 mL (0.015 gram / mL)	X			02:40	04:00	03:00	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			02:40	04:00	03:00	n/a					
cefoXitin	X	X	gram	0.5	2	1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a					
						2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
ceftAROLine	X	X	mg	200	600	400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a					
						600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a					
						--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12		
ceftAZidime	X	X	gram	0.5	2	1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
ceftazidime-avibactm	X	X	gram	0.94	2.5	0.94 gram / 50 mL (0.0188 gram / mL)	X			01:40	04:00	02:00	n/a					
						1.25 gram / 100 mL (0.0125 gram / mL)	X			01:40	04:00	02:00	n/a					
						2.5 gram / 100 mL (0.025 gram / mL)	X			01:40	04:00	02:00	n/a					

Intermittent Drugs - Med Surg

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
ceftolozane-tazo	X	X	gram	0.15	3		1.5 gram / 100 mL (0.015 gram / mL)	X			00:40	03:00	01:00	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:40	03:00	01:00	n/a				
							--- gram / --- mL	X			00:40	03:00	01:00	gram/mL		0.001	0.03	
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X			00:15	02:00	00:30	mg/mL		1	30	
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a				
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X			00:10	01:00	00:30	n/a				
							600 mg / 50 mL (12 mg / mL)	X			00:20	01:00	00:30	n/a				
							900 mg / 50 mL (18 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		3	18	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X			02:30	05:00	03:00	n/a				
							--- mg / --- mL	X			02:30	05:00	03:00	mg/mL	0.002	0.004	0.05	
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	5	
dantrolene	X	X	mg/kg	1	2.5		--- mg / --- mL	X			00:50	03:00	01:00	mg/mL		0.1	0.35	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexAMETHasone	X	X	mg	4	24		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
dihydroergotamine	X	X	mg	0.4	1		0.5 mg / 50 mL (0.01 mg / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Med Surg

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							1 mg / 50 mL (0.02 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.002	0.02	
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
eptinezumab	X		mg	95	305		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
Estrogen, conjugated	X	X	mg	5	30		25 mg / 50 mL (0.5 mg / mL)	X			00:15	00:45	00:20	n/a				
Ferric CARBOXymaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole							100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
	X	X	mg	50	800		200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL		0.4	10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/mL	0.004		0.1	Glycophos	
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low-sorbing filter	
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron	
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:25	01:00	00:30	n/a					
							500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X			00:50	02:00	01:00	n/a					
							--- mg / --- mL	X			00:25	02:00		mg/mL			2	5	
imipenem-relebactam	X	X	gram	0.5	1.25		0.5 gram / 40 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a					
							0.75 gram / 60 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a					
							1 gram / 80 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a					
							1.25 gram / 100 mL (0.0125 gram / mL)	X			00:20	01:00	00:30	n/a					
iron DEXTRAN <i>Iron test dose</i>	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1		
iron DEXTRAN <i>Maintenance Dose</i>	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivity	
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X			00:06	01:00	00:15	n/a					
							200 mg / 100 mL (2 mg / mL)	X			00:15	01:00	00:30	n/a					
							300 mg / 250 mL (1.2 mg / mL)	X			01:00	02:00	01:30	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X			02:00	03:00	02:30	n/a					
							500 mg / 250 mL (2 mg / mL)	X			03:30	05:00	04:00	n/a					
							--- mg / --- mL	X			00:15	05:00		mg/mL			0.2	2.1	
ketamine Intermittent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL	0.05		1		
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a					
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a					
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL		0.9	5		
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a					
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a					
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL			2.5	15	
							6,000 mg / 30 mL (200 mg / mL)	X		00:20		01:00	00:30	n/a					
levocarnitine <i>Loading Dose</i>	X	X	mg	1,500		6,000	--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		195	205		
levocarnitine <i>Maintenance Dose</i>	X	X	mg/kg	12	18		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL	0.4	0.5	8		
levoFLOxacIn	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X		00:50		02:00	01:00	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:50		02:00	01:00	n/a					
							750 mg / 150 mL (5 mg / mL)	X		01:15		02:00	01:30	n/a					
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a					
magnesium sulfate	X	X	gram	0.5	10	11	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a					

Intermittent Drugs - Med Surg

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a					
						4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a					
						--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12		
meropenem 3 hour infusion	X	X	mg	250	4,000	500 mg / 50 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a					
						500 mg / 100 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a					
						1,000 mg / 50 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a					
						1,000 mg / 100 mL (10 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,000 mg / 100 mL (20 mg / mL)	X			02:30	04:00	03:00	n/a					
						2,000 mg / 140 mL (14.2857 mg / mL)	X			02:30	04:00	03:00	n/a					
						--- mg / --- mL	X			02:30	04:00	03:00	mg/mL		4	20		
meropenem 30 minute infusion	X	X	mg	250	4,000	500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
						500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a					
						1,000 mg / 50 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a					
						1,000 mg / 100 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a					
						2,000 mg / 100 mL (20 mg / mL)	X			00:25	01:00	00:30	n/a					
						2,000 mg / 140 mL (14.2857 mg / mL)	X			00:25	01:00	00:30	n/a					
						--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	20		
meropenem/vaborbctam	X	X	gram	0.5	4	2 gram / 250 mL (0.008 gram / mL)	X			02:30	04:00	03:00	n/a					
						4 gram / 250 mL (0.016 gram / mL)	X			02:30	04:00	03:00	n/a					
						--- gram / --- mL	X			02:30	04:00	03:00	gram/mL		0.004	0.016		
methylPREDNISolone	X	X	mg	250	2,000	250 mg / 250 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a					
						500 mg / 250 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a					
						1,000 mg / 250 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a					
						--- mg / --- mL	X		00:15		01:00		mg/mL		1	40		
metronIDAZOLE	X	X	mg	250	1,000	250 mg / 50 mL (5 mg / mL)	X			00:10	02:00	00:15	n/a					
						500 mg / 100 mL (5 mg / mL)	X			00:18	02:00	00:30	n/a					
						--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		2	5		
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X			00:45	01:30	01:00	mg/mL		0.49	1.51	
moxifloxacin	X	X	mg	300	500		400 mg / 250 mL (1.6 mg / mL)	X			00:30	02:00	01:00	n/a				
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcillin	X	X	gram	0.2	6	1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a					
						1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a					
						6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	n/a					
						--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04		
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		0.04	0.64		
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million	
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million	
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million	
pentamidine	X	X	mg/kg	1.8	4.2		--- mg / --- mL	X			00:50	03:30		mg/mL		0.28	2.4		
peramivir	X	X	mg	100	600		600 mg / 100 mL (6 mg / mL)	X			00:10	01:00	00:15	n/a					
							--- mg / --- mL	X			00:10	01:00	00:15	mg/mL		1	6		
PHENobarbital	X	X	mg	30	1,000		--- mg / --- mL	X		00:10		00:30	00:15	No					
phenytoin <i>Loading Dose</i>	X	X	mg/kg	5	25		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron	
phenytoin <i>Maintenance Dose</i>	X	X	mg/kg	0.5	2.5		--- mg / --- mL	X			00:10	01:00	00:30	mg/mL		1	10	Filter 0.2 Micron	
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a					
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a					
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4		
piperacillin/tazo <i>30 minute infusion</i>	X	X	gram	0.75	4.5		0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a					
							2.25 gram / 50 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a					
							3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a					
							3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a					
							4.5 gram / 100 mL (0.045 gram / mL)	X			00:25	01:00	00:30	n/a					
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL				0.01	0.07
piperacillin/tazo <i>4 hour infusion</i>	X	X	gram	3.2	4.6		3.375 gram / 50 mL (0.0675 gram / mL)	X			03:50	04:10	04:00	n/a					
							3.375 gram / 100 mL (0.0338 gram / mL)	X			03:50	04:10	04:00	n/a					
							4.5 gram / 100 mL (0.045 gram / mL)	X			03:50	04:10	04:00	n/a					
							--- gram / --- mL	X			03:50	04:10	04:00	gram/mL			0.02	0.07	
potassium acetate <i>Central</i>	X	X	mEq	5	60		10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a					
							20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a					
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a					
							--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4		
potassium acetate <i>Peripheral</i>	X	X	mEq	5	40		10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a					
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a					

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						--- mEq / --- mL	X		01:00		04:00		mEq/mL	0.05		0.2		
potassium chloride <i>Central</i>	X	X	mEq	5	60	10 mEq / 100 mL (0.1 mEq / mL)	X		00:30		02:00	01:00	n/a				Central Line Only	
						20 mEq / 50 mL (0.4 mEq / mL)	X		01:00		03:00	02:00	n/a					
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		03:00	02:00	n/a					
						--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05		0.4		
potassium chloride <i>Peripheral</i>	X	X	mEq	5	40	10 mEq / 100 mL (0.1 mEq / mL)	X		00:40		03:00	01:00	n/a			KCL warning		
						20 mEq / 100 mL (0.2 mEq / mL)	X		01:00		06:00	02:00	n/a					
						--- mEq / --- mL	X		00:50	01:00	04:00		mEq/mL	0.05			0.2	
potassium PHOSphate <i>Central</i>	X	X	mmol	14	40	15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
						20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
						25 mmol / 250 mL (0.1 mmol / mL)	X		03:00		06:00	04:00	n/a					
						--- mmol / --- mL	X		03:00		09:00	04:00	mmol/mL		0.01		0.24	
potassium PHOSphate <i>Peripheral</i>	X	X	mmol	10	30	14 mmol / 250 mL (0.056 mmol / mL)	X		02:00		06:00	03:00	n/a					
						15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
						20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
						--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01		0.09	
promethazine	X	X	mg	10	50	12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a					
						25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a					
						50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a					
						--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2		1	
remdesivir	X	X	mg	95	250	100 mg / 100 mL (1 mg / mL)	X		00:25	02:00	01:00	n/a						
						200 mg / 100 mL (2 mg / mL)	X		00:25	02:00	01:00	n/a						
						--- mg / --- mL	X		00:25	02:00	01:00	mg/mL		0.95		3		
rifampin	X	X	mg	100	600	300 mg / 100 mL (3 mg / mL)	X		00:25	03:00		n/a						
						300 mg / 250 mL (1.2 mg / mL)	X		00:25	03:00		n/a						
						600 mg / 500 mL (1.2 mg / mL)	X		00:50	03:00		n/a						
						--- mg / --- mL	X		00:25	03:00		mg/mL		0.1		6.5		
-saline flush	X	X	unit	1	10	20	10 unit / 10 mL (1 unit / mL)	X		00:01	00:05	00:01	n/a			Saline		
sodium bicarbonate	X	X	mEq	45	155	50 mEq / 50 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
						100 mEq / 100 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
						150 mEq / 150 mL (1 mEq / mL)	X		00:10	00:30	00:15	n/a						
sodium phosphate	X	X	mmol	10	60	15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a					
						--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03		0.3	
sodium thiosulfate	X	X	gram	12.5	50	12.5 gram / 200 mL (0.0625 gram / mL)	X		00:30	05:00		n/a						
						25 gram / 200 mL (0.125 gram / mL)	X		00:30	05:00		n/a						

Intermittent Drugs - Med Surg

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5	
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5			11
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Dedicated IV Line
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
TOBRAmycin Dose =< 300 mg	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				
							--- mg / --- mL	X			00:25		01:00	00:30	mg/mL	0.5		
TOBRAmycin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tranexamic Acid Cardiac Surgery	X	X	mg	500	2,000		--- mg / --- mL	X			00:08	00:20	00:10	mg/mL		0.4	25	
Tranexamic Acid MTP	X	X	mg	500	1,500		--- mg / --- mL	X			04:30	13:00	10:00	mg/mL	0.4		25	
Tranexamic Acid Ortho surgery	X	X	mg	500	3,000		1,000 mg / 10 mL (100 mg / mL)		X		00:05	00:20	00:10	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X			00:09	00:35	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			04:00	13:00	05:00	n/a				
							--- mg / --- mL	X	X		00:15		01:00	00:20	mg/mL	1.5		
Tranexamic Acid Trauma/Neuro	X	X	mg	990	1,100		1,000 mg / 100 mL (10 mg / mL)	X		00:08		09:00		n/a				
							1,000 mg / 110 mL (9.0909 mg / mL)	X		00:08		00:20	00:10	n/a				
							1,000 mg / 510 mL (1.9608 mg / mL)	X			05:00	09:00		n/a				
							--- mg / --- mL	X			04:30	13:00		mg/mL	1.5		100	
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOmycin Wausau	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:30	04:00	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5		1	
VANCOmycin All Other Facilities	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				

Intermittent Drugs - Med Surg

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							1,500 mg / 500 mL (3 mg / mL)	X			02:00	04:00	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7	
VORiconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.04	

2.5.6 Fluids

Fluids - Med Surg							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
.IVF + KCL 10 mEq/L	Yes	X		1	999		
.IVF + KCL 20 mEq/L	Yes	X		1	500		
.IVF + KCL 30 mEq/L	Yes	X		1	333	350	
.IVF + KCL 40 mEq/L	Yes	X		1	250	275	
.Maint IVF+Additives	Yes	X		1	500		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Dextrose 10%	Yes	X		1	250		

Fluids - Med Surg							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
Hetastarch 6% NS	Yes	X		1	999		
Lipids 20%	No	X		8	42		
Sodium Chlor 3%	Yes	X		1	75	125	
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.5.7 PCA Drugs

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL) 1,500 mcg / 30 mL (50 mcg / mL)					
fentaNYL						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDROMorphone						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 1 mg / 1 mL (1 mg / mL)					
HYDROMorphone 1MG/ML						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	0.1	1			Dosing Units mg
Continuous Dose / h	n/a	0.2	4			
Bolus Dose	n/a	0.1	1		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	2	25			

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	4	8	1	Dosing Units
Continuous Dose / h	n/a	0.5	6	10	1	mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

PCA Drugs - Med Surg						
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)					
morphine 5 MG/ML						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.2	4			Dosing Units
Continuous Dose / h	n/a	0.5	30			mg
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	10		n/a	Yes
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	4	75			2nd RN to verify

2.6 NICU

2.6.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - NICU																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
alprostadi 10 mcg / 1 mL (10 mcg / mL)		X	N/A	Continuous mcg/kg/min	0.025	0.4	0.5	0.05									
AMIODArone 1.5 mg / 1 mL (1.5 mg / mL)		X	N/A	Continuous mcg/kg/min	5		15										
dexmedeTOMIDine 4 mcg / 1 mL (4 mcg / mL)		X	N/A	Continuous mcg/kg/h	0.05	0.6	1										
DOBUTamine 1,000 mcg / 1 mL (1,000 mcg / mL) 2,000 mcg / 1 mL (2,000 mcg / mL)		X X	N/A	Continuous mcg/kg/min	2	25	30										
DOPamine 800 mcg / 1 mL (800 mcg / mL) 1,600 mcg / 1 mL (1,600 mcg / mL)		X X	N/A	Continuous mcg/kg/min	1	20	30										
EPINEPHrine 16 mcg / 1 mL (16 mcg / mL) 32 mcg / 1 mL (32 mcg / mL) 64 mcg / 1 mL (64 mcg / mL)		X X X	N/A	Continuous mcg/kg/min	0.05	1	2.5										
fat emulsion 20% --- gram / --- mL		X	YES	Continuous gram/kg/day	0.5	3.5	5									1.2 micron filter	
fentaNYL 10 mcg/1 mL 50 mcg / 5 mL (10 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	9	11		0.25	3	4		0.08		0.3	0.1	
fentaNYL 2 mcg/1 mL 5 mcg / 2.5 mL (2 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg/kg Bolus Admin Rate mcg/kg/min	0.5	9	11		0.25	3	4		0.08		0.3	0.1	
Gammagard 10% 0.1 gram / 1 mL (0.1 gram / mL)		X	N/A	Continuous mg/kg/min	0.1		8	0.8									
glucagon 1,000 mcg / 10 mL (100 mcg / mL) --- mcg / --- mL		X X	YES	Continuous mcg/kg/h	8		33										

Continuous/Bolus - Non-Anesthesia Drugs - NICU																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
heparin 100 unit / 1 mL (100 unit / mL)		X	N/A	Continuous unit/kg/h	10	20	50									Heparin	
insulin 0.1 unit / 1 mL (0.1 unit / mL)		X	N/A	Continuous unit/kg/h	0.01	0.2	0.4									2nd RN to verify	
midazolam 0.1 mg / 1 mL (0.1 mg / mL)		X	N/A	Continuous mg/kg/h	0.01	0.06	0.07										
milrinone 0.2 mg / 1 mL (0.2 mg / mL)		X	N/A	Continuous mcg/kg/min	0.2	1	1.5										
nitroPRUSSide 200 mcg / 1 mL (200 mcg / mL)		X	N/A	Continuous mcg/kg/min	0.05	5	10										
octreotide --- mcg / --- mL		X	YES	Continuous mcg/kg/h	0.5		2										
UAC with heparin 1 unit / 1 mL (1 unit / mL) --- unit / --- mL	X	X	YES	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	0.5	2			0.5	1.5		1	0.5	1.5		1	
vecuronium 400 mcg / 1 mL (400 mcg / mL)		X	N/A	Continuous mcg/kg/min	0.1	3											

2.6.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - NICU						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
fat emulsion 20% WeightBased		X	gram/mL	0.19		0.21
glucagon WeightBased		X	mcg/mL	99		101
octreotide WeightBased		X	mcg/mL	9		11

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - NICU						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
UAC with heparin NonWeightBased	X		unit/mL	0.3	0.5	1.5

2.6.3 Continuous/Bolus - Anesthesia Only Drugs

No drugs exist in this section.

2.6.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.6.5 Intermittent Drugs

Intermittent Drugs - NICU																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Acetaminophen	X		mg/kg	10	16		--- mg / --- mL		X		00:10	00:30	00:15	mg/mL	9		11	
acyclovir	X		mg/kg	4		25	--- mg / --- mL		X		00:55	01:30	01:00	mg/mL	4.5		7.5	
albumin 25%	X		gram/kg	0.4		1.7	12.5 gram / 50 mL (0.25 gram / mL)		X	00:15	00:30	03:00	02:00	n/a				
albumin 5%	X		gram/kg	0.4	1.7		--- gram / --- mL		X		00:15	01:00	00:20	gram/mL	0.4		0.55	
amikacin	X		mg/kg	4		12	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	9.9		10.1	
AMIODARone Loading	X		mg/kg	1		6	--- mg / --- mL		X	00:02		01:00	00:30	mg/mL		1	50	Central Line Only
ampho B (LIPOSOMAL)	X		mg/kg	3		8	--- mg / --- mL		X	01:30		03:00	02:00	mg/mL	1.9		2.1	D5W and light
amphotericin B	X		mg/kg	0.7		1.5	--- mg / --- mL		X	01:45		06:00	02:00	mg/mL	0.09		0.11	D5W and light
ampicillin	X		mg/kg	25		145	--- mg / --- mL		X	00:10		00:45	00:15	mg/mL	38		42	
ampicillin/sulbactam	X		mg/kg	18		120	--- mg / --- mL		X		00:10	00:45	00:30	mg/mL	44		46	
azithromycin	X		mg/kg	5	12		--- mg / --- mL		X		00:50	01:30	01:00	mg/mL	1		3	

Intermittent Drugs - NICU

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
aztreonam	X		mg/kg	25		35		X		00:10	00:45	00:15	mg/mL	19		21		
bumetanide	X		mg/kg	0.005	0.05			X	00:05		02:00	00:10	mg/mL	0.124		0.126		
caffeine citrate <i>Loading Dose</i>	X		mg/kg	15	30			X		00:10	01:00	00:30	mg/mL	19		21		
caffeine citrate <i>Maintenance Dose</i>	X		mg/kg	4	15	20		X		00:10	01:30	00:30	mg/mL	19		21		
calcium gluconate	X		mg/kg	42		450		X	00:10	00:15	01:50	01:00	mg/mL	48		102	Calcium Precipitate	
ceFAZolin	X		mg/kg	9	30			X		00:10	00:45	00:15	mg/mL	18		22		
cefePIME	X		mg/kg	20		60		X		00:10	00:45	00:30	mg/mL	19		21		
cefOXitin	X		mg/kg	20	52			X		00:10	00:45	00:30	mg/mL	39		41		
ceftAROLine	X		mg/kg	5	7			X		00:25	01:00	00:30	mg/mL	7		9		
ceftAZidime	X		mg/kg	28	52			X		00:20	01:00	00:30	mg/mL	49		51		
cefTRIAxone	X		mg/kg	45		111		X		00:25	01:00	00:30	mg/mL	39		41		
chlorothiazide	X		mg/kg	4	11			X		00:04	00:20	00:05	mg/mL	25	26	30		
CLINDAmycin	X		mg/kg	4		10		X		00:25	01:00	00:30	mg/mL	9		11		
DIGoxin <i>Loading Dose</i>	X		mcg/kg	5	15			X	00:03		00:20	00:10	mcg/mL	9.5		21		
DIGoxin <i>Maintenance Dose</i>	X		mcg/kg	1	6			X		00:05	01:00	00:10	mcg/mL	9.5		21		
erythromycin	X		mg/kg	5		12		X	00:30	00:55	01:15	01:00	mg/mL	4.5		5.5		
famotidine	X		mg/kg	0.2	0.6			X		00:03	00:10	00:05	mg/mL		0.9	1.1		
fentanyl bolus <i>10 mcg/1 mL</i>	X		mcg/kg	0.25		4.5		X	00:03		00:30	00:10	mcg/mL	9		11	Fentanyl premixed sy	
fentanyl bolus <i>100 mcg/2 mL Vial</i>	X		mcg/kg	0.25		4.5		X	00:03		01:00	00:10	mcg/mL	49		51	Fentanyl NICU vial	
fentanyl bolus <i>2 mcg/1 mL</i>	X		mcg/kg	0.25		4.5		X	00:03		00:30	00:10	mcg/mL	1.8		2.2	Fentanyl premixed sy	
fluCONazole	X		mg/kg	2		14		X	00:20		01:30	00:30	mg/mL	1.9		2.1		
fosphenytoin	X		mg/kg	2	11.5	29		X		00:05	01:00	00:15	mg/mL	9		11		

Intermittent Drugs - NICU

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
FUROsemide 1 mg/mL	X		mg/kg	0.3	2.5			X		00:05	01:00	00:30	mg/mL	0.9		1.1		
FUROsemide 10 mg/mL	X		mg/kg	0.3	2.5			X		00:05	01:00	00:30	mg/mL	9		11		
GANCiclovir	X		mg/kg	4		8		X	00:45		01:30	01:00	mg/mL	9.9		10.1		
gentamicin	X		mg/kg	2		8		X		00:25	01:00	00:30	mg/mL	1.9		2.1		
hydroCORTisone	X		mg/kg	0.1	5			X		00:25	01:00	00:30	mg/mL	0.9		1.1		
indomethacin	X		mg/kg	0.05	0.3			X	00:25	00:27	01:00	00:30	mg/mL	0.09		0.11		
levETIRAcetam	X		mg/kg	9	75			X		00:12	00:20	00:15	mg/mL	9		11		
levothyroxine NICU	X		mcg/kg	4.5	8.5			X		00:02	00:05	00:02	mcg/mL		19	21		
meropenem	X		mg/kg	15		45		X		00:25	01:00	00:30	mg/mL	9		11		
metoCLOPramide	X		mg/kg	0.02	0.12	0.2		X		00:03	00:30	00:10	mg/mL	0.4		0.6		
metronIDAZOLE	X		mg/kg	6.5		18		X		00:25	00:35	00:30	mg/mL	4.9		5.1		
midazolam BOLUS 0.1 mg/mL	X		mg/kg	0.03		0.17		X	00:04		00:20	00:05	mg/mL	0.05		0.2	Midazolam 0.1 mg/mL	
midazolam BOLUS 1 mg/mL	X		mg/kg	0.03		0.17		X	00:04		00:20	00:05	mg/mL	0.5		2	Midazolam 1 mg/mL	
morphine bolus Morphine 0.1 mg/1 mL	X		mg/kg	0.04	2.5			X		00:05	00:15	00:10	mg/mL	0.09		0.11	Morphine premixed sy	
morphine bolus Morphine 1 mg/mL amp	X		mg/kg	0.04		2.5		X	00:05		00:30	00:15	mg/mL	0.9		1.1	Morphine NICU AMP	
nafcillin	X		mg/kg	23		55		X		00:25	00:45	00:30	mg/mL	39		41		
Octreotide bolus	X		mcg/kg	1		10		X	00:05		00:30	00:10	mcg/mL	9		11		
Penicillin G	X		unit/kg	25	140			X		00:10	45:00	00:30	unit/mL	49		51	Penicillin G NICU	
PHENobarbital Loading Dose	X		mg/kg	15	22	42		X		00:10	00:30	00:15	mg/mL	5		30		
PHENobarbital Maintenance Dose	X		mg/kg	2	5	22		X		00:10	00:30	00:10	mg/mL	5		30		
piperacillin/tazo	X		mg/kg	48	120	150		X		00:25	01:00	00:30	mg/mL	58		62		

Intermittent Drugs - NICU																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
rifampin	X		mg/kg	4	12.5	15	--- mg / --- mL		X	00:20	00:25	03:00	00:30	mg/mL	5		7	
sodium bicarbonate	X		mEq/kg	0.8	3		--- mEq / --- mL		X		00:15	03:00		mEq/mL	0.4		0.6	
TMP-SMX	X		mg/kg	2		12	--- mg / --- mL		X	00:45		01:30	01:00	mg/mL	0.5		1.1	
TOBRAMycin	X		mg/kg	2		7	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
VANCOmycin	X		mg/kg	9		22	--- mg / --- mL		X		00:55	02:00	01:00	mg/mL	4.5		5.5	
zidovudine	X		mg/kg	1	3.5	4	--- mg / --- mL		X	00:40	00:50	03:00	01:00	mg/mL	3.8		5.2	

2.6.6 Fluids

Fluids - NICU							
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Flush	Yes	X	X	0.1		100	
..Maintenance IVF <i>Less than 1 kg</i>	Yes	X	X	0.1	6	11	
..Maintenance IVF <i>1 - 1.99 kg</i>	Yes	X	X	0.1	12.5	20	
..Maintenance IVF <i>2 - 2.99 kg</i>	Yes	X	X	0.1	19	31	
..Maintenance IVF <i>3 - 4 kg</i>	Yes	X	X	0.1	25	42	
..Maintenance IVF <i>Greater than 4 kg</i>	Yes	X	X	0.1	50	83	
Blood (FFP)	No		X	2	20		
Blood (platelets)	Yes		X	2	20		
Blood (PRBCs)	No		X	2	20		
Dextrose 10% <i>Less than 1 kg</i>	Yes	X	X	0.1	6	11	
Dextrose 10% <i>1 - 1.99 kg</i>	Yes	X	X	0.1	12.5	20	
Dextrose 10% <i>2 - 2.99 kg</i>	Yes	X	X	0.1	19	31	
Dextrose 10% <i>3 - 4 kg</i>	Yes	X	X	0.1	25	42	

Fluids - NICU							Clinical Ads. Name
Fluid Name Therapy	Supports Secondary	Module		Rate Limits (mL/h)			
		P	S	Soft Min	Soft Max	Hard Max	
Dextrose 10% Greater than 4 kg	Yes	X	X	0.5	50	83	
Dextrose 12.5% IV Less than 1 kg	Yes	X	X	0.1	6	11	
Dextrose 12.5% IV 1 - 1.99 kg	Yes	X	X	0.1	12.5	20	
Dextrose 12.5% IV 2 - 2.99 kg	Yes	X	X	0.1	19	31	
Dextrose 12.5% IV 3 - 4 kg	Yes	X	X	0.1	25	42	
Dextrose 12.5% IV Greater than 4 kg	Yes	X	X	0.1	50	83	
Dextrose 15% Less than 1 kg	No	X	X	0.1	6	11	
Dextrose 15% 1 - 1.99 kg	No	X	X	0.1	12.5	20	
Dextrose 15% 2 - 2.99 kg	No	X	X	0.1	19	31	
Dextrose 15% 3 - 4 kg	No	X	X	0.1	25	42	
Dextrose 15% Greater than 4 kg	No	X	X	0.1	50	83	
TPN Less than 1 kg	No	X	X	0.1	6	8	
TPN 1 - 1.99 kg	No	X	X	0.1	12.5	17	
TPN 2 - 2.99 kg	No	X	X	0.1	19	25	
TPN 3 - 4 kg	No	X	X	0.1	25	33	
TPN Greater than 4 kg	No	X	X	0.1	50	67	
Vanilla bag Less than 1 kg	No	X	X	0.1	6	8	
Vanilla bag 1 - 1.99 kg	No	X	X	0.1	12.5	17	
Vanilla bag 2 - 2.99 kg	No	X	X	0.1	19	25	
Vanilla bag 3 - 4 kg	No	X	X	0.1	25	33	
Vanilla bag Greater than 4 kg	No	X	X	0.1	50	67	

2.6.7 PCA Drugs

No drugs exist in this section.

2.7 Oncology

2.7.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
albuterol 10 mg 10 mg / 20 mL (0.5 mg / mL)		X	N/A	Continuous mg/h	8	12		10									
albuterol 15 mg 15 mg / 20 mL (0.75 mg / mL)		X	N/A	Continuous mg/h	12	18		15									
AminocaproicINFUSION 5 gram / 250 mL (0.02 gram / mL)	X		N/A	Continuous gram/h	1	2	5	1									
argatroban Standard Dosing 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.45	10	10.1	1.5								2nd RN to verify	
argatroban Hepatic Dose 50 mg / 50 mL (1 mg / mL) 125 mg / 125 mL (1 mg / mL)	X		N/A	Continuous mcg/kg/min	0.1	5	10.1	0.5								2nd RN to verify	
bivalirudin Standard Dosing 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.095	1.8		1.75	0.3	0.76		0.75	0.3	0.76		0.75	
bivalirudin Renal Dose 250 mg / 50 mL (5 mg / mL)	X		N/A	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	0.24	1.1		1	0.3	0.76		0.75	0.3	0.76		0.75	
bumetanide continuos 12.5 mg / 50 mL (0.25 mg / mL) 25 mg / 100 mL (0.25 mg / mL) 50 mg / 200 mL (0.25 mg / mL)	X		N/A	Continuous mg/h	0.1	4	8										

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
CMV immunoglobulin --- mg / --- mL	X		YES	Continuous mg/kg/h	10		65	15									
daratumumab 90 min --- mg / --- mL	X		YES	Continuous mg/kg/h Bolus Dose mg/kg Bolus Admin Rate mg/kg/min	11.5		13.5	12.8	3		3.4	3.2	0.09		0.12	0.106	Bolus
elotuzumab --- mg / --- mL	X		YES	Continuous mg/kg/min	0.017		0.4										Elotuzumab
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	10	100			25	100		50	12.5	50		50	
fentaNYL 2,000 mcg / 100 mL (20 mcg / mL)	X		N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50	
Flebogamma 10% 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X X		YES	Continuous mg/kg/h	25		500										No filter required
FUROsemide continous AIR 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	1	80	160										
FUROsemide continous All Other Facilities 1,000 mg / 100 mL (10 mg / mL) --- mg / --- mL	X X		YES	Continuous mg/h	1	80	160										
Gammagard 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X X X X X		YES	Continuous mg/kg/h	25		500										No filter required

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Gamunex - C 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25		500									No filter required	
Glassia --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4								Aralast/Glassia rate	
heparin ACS/CRRT 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,000	3,500		1,000		4,000		1,000		1,600	1,600	2nd RN to verify
heparin Atrial Fib 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin DVT/PE 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h Bolus Dose unit Bolus Admin Rate unit/min	200	3,500	4,800		1,000		10,000		1,000		1,600	1,600	2nd RN to verify
heparin Stroke 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
HYDromorphone 1MG/ML 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	0.5	5											2nd RN to verify
inFLIXimab --- mg / --- mL	X		YES	Continuous mg/h	4	1,000											Filter 1.2/hypers ens
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X	X	YES	Continuous unit/h	0.2	30	75										Insulin advisory
Kcentra --- unit / --- mL	X	X	YES	Continuous unit/min	100		210	200									

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
Ketamine Continuous Non-anesthesia 250 mg / 250 mL (1 mg / mL)	X		N/A	Continuous mg/kg/h	0.05	0.5											
mirvetuximab soravta --- mg / --- mL	X		YES	Continuous mg/min	0.5	5	5.2	1								Filter/hypersen/ D5W	
morphine 100 mg / 100 mL (1 mg / mL) 250 mg / 250 mL (1 mg / mL) 500 mg / 500 mL (1 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h Bolus Dose mg Bolus Admin Rate mg/min	0.5	25			0.5	10			0.25	2			
naloxone 0.8 mg / 250 mL (0.0032 mg / mL) 4 mg / 500 mL (0.008 mg / mL) 4 mg / 1,000 mL (0.004 mg / mL) --- mg / --- mL	X X X X		YES	Continuous mg/h	0.064	3.9											
Obinutuzumab 1,000 mg dose 1,000 mg / 250 mL (4 mg / mL)	X		N/A	Continuous mg/h	25	400		50								Saline only	
Obinutuzumab 900 mg dose 900 mg / 250 mL (3.6 mg / mL)	X		N/A	Continuous mg/h	25	400		50								Saline only	
Ocrelizumab First Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Second Dose 300 mg / 250 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	18		216	36								Filter 0.2 Micron	
Ocrelizumab Subsequent - 3.5 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	24		240	48								Filter 0.2 Micron	
Ocrelizumab Subsequent -2 hr 600 mg / 500 mL (1.2 mg / mL)	X		N/A	Continuous mg/h	60		360	120								Filter 0.2 Micron	
Octagam 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X X X X X		YES	Continuous mg/kg/h	25		500										

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
octreotide 1,500 mcg / 500 mL (3 mcg / mL) --- mcg / --- mL	X	X	YES	Continuous mcg/h Bolus Dose mcg Bolus Admin Rate mcg/min	25	200		50	25	175			12	25		12.5	
ofatumumab Initial Dose 300 mg / 1,000 mL (0.3 mg / mL)	X		N/A	Continuous mg/h	3.6		120										Hypersensitivity
ofatumumab Subsequent Doses 1,000 mg / 1,000 mL (1 mg / mL) 2,000 mg / 1,000 mL (2 mg / mL)	X	X	N/A	Continuous mg/h	25		800										Hypersensitivity
pantoprazole 80 mg / 100 mL (0.8 mg / mL)	X		N/A	Continuous mg/h	7	9		8									
Panzyga 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) 30 gram / 300 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500										
patisiran 30 mg / 200 mL (0.15 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/min	0.045	0.45											1.2 micron filter
Privigen 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X	X	YES	Continuous mg/kg/h	25		500										No filter required
Prolastin-C --- mg / --- mL	X		YES	Continuous mg/kg/min	2		5	4									Proteinase rate note
Wilate --- unit / --- mL	X		YES	Continuous unit/min	150	440		300									
Zemaira --- mg / --- mL	X		YES	Continuous mg/kg/min	3		6	4									Proteinase rate note
Zidovudine infusion --- mg / --- mL	X		YES	Continuous mg/kg/h	0.5	1.5		1									

Continuous/Bolus - Non-Anesthesia Drugs - Oncology																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
zz AMIOdarone 150 mg / 100 mL (1.5 mg / mL)	X		N/A	Continuous mg/min	10	15											Code only drugs
zz DOBUTamine 500 mg / 250 mL (2 mg / mL) 1,000 mg / 250 mL (4 mg / mL) --- mg / --- mL	X		YES	Continuous mcg/kg/min	2.5	15											Code only drugs
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		N/A	Continuous mcg/kg/min	1	40											Code only drugs
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	0.5											Code only drugs
zz lidocaine 2 gram / 500 mL (0.004 gram / mL)	X		N/A	Continuous mg/min Bolus Dose mg/kg Bolus Admin Rate mg/min	0.5	5			0.5	3		1.5	10	50			Code only drugs
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.01	1											Code only drugs
zz PHENYLephrine 40 mg / 250 mL (0.16 mg / mL)	X		N/A	Continuous mcg/kg/min	0.02	3	9.1										Code only drugs

2.7.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
CMV immunoglobulin WeightBased	X		mg/mL	49		51
daratumumab 90 min WeightBased	X		mg/mL	0.5	1	6.4
elotuzumab WeightBased	X		mg/mL	0.8	1.3	10
Flebogamma 10% WeightBased	X		mg/mL*	99		101

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
FUROsemide continous AIR NonWeightBased	X		mg/mL	0.4	0.5	11
FUROsemide continous All Other Facilities NonWeightBased	X		mg/mL	1	5	11
Gammagard 10% WeightBased	X		mg/mL*	49		101
Gamunex - C 10% WeightBased	X		mg/mL*	99		101
Glassia WeightBased	X		mg/mL	15		25
HYDROmorphine 1MG/ML NonWeightBased	X		mg/mL	0.6	0.8	1.2
inFLIXimab NonWeightBased	X		mg/mL	0.3	0.4	4
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
Kcentra NonWeightBased	X	X	unit/mL	20		32
mirvetuximab soravta NonWeightBased	X		mg/mL	0.9	1	2
morphine NonWeightBased	X		mg/mL	0.9	1	1.5
naloxone NonWeightBased	X		mg/mL	0.001		0.008
Octagam 10% WeightBased	X		mg/mL*	99		101
octreotide NonWeightBased	X		mcg/mL	1		6
Panzyga 10% WeightBased	X		mg/mL*	99		101

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
patisiran NonWeightBased	X		mg/mL	0.03	0.045	0.15
Privigen 10% WeightBased	X		mg/mL*	99		101
Prolastin-C WeightBased	X		mg/mL	35		60
Wilate NonWeightBased	X		unit/mL	80	90	120
Zemaira WeightBased	X		mg/mL	35		60
Zidovudine infusion WeightBased	X		mg/mL	1		4
zz DOBUTamine WeightBased	X		mcg/mL*	1,000		4,000

* Units Only concentration and Dosing Units have different units of measure.

2.7.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Oncology																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
fentaNYL 50 mcg / 1 mL (50 mcg / mL)		X	N/A	Continuous mcg/kg/h Bolus Dose mcg Bolus Admin Rate mcg/min	0.5	3			25	100		50	12.5	50		50
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	N/A	Continuous unit/h	0.2	30	75									
Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X	X	YES	Continuous mg/h	5	30										

Continuous/Bolus - Anesthesia Only Drugs - Oncology																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
	Ketamine Continuous Anesthesia only 50 mg / 50 mL (1 mg / mL) --- mg / --- mL	X			X	YES	Continuous mg/kg/h	0.1	1							

2.7.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits - Oncology						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
Ketamine Continuous Anesthesia only NonWeightBased	X		mg/mL	0.2	0.8	1.2
Ketamine Continuous Anesthesia only WeightBased	X		mg/mL	0.2	0.8	1.2

2.7.5 Intermittent Drugs

Intermittent Drugs - Oncology																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
	Abatacept	X	X	mg	250			1,000	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		
Abraxane	X	X	mg/m2	80	260		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		4.9	5.1	Irritant w/ vesicant
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE	X	X	mg	100	1,000		--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		10	100	
acetylcysteine First Dose	X	X	gram	6	20		20 gram / 500 mL (0.04 gram / mL)	X			03:30	05:00	04:00	n/a				
							--- gram / --- mL	X			03:30	05:00	04:00	gram/mL		0.012	0.04	
acetylcysteine Second Dose	X	X	gram	3	10		10 gram / 1,000 mL (0.01 gram / mL)	X			13:20	18:00	16:00	n/a				
							--- gram / --- mL	X			13:20	18:00	16:00	gram/mL		0.003	0.01	

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name				
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max					
acyclovir	X	X	mg	100	2,000		---	mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.5	7				
ADO-trastuzumab <i>First Dose</i>	X	X	mg/kg	2		4	---	mg / --- mL	X		01:20		02:00	01:30	mg/mL	0.4		1.75	Irr w/ ves low-sorb			
ADO-trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	2		4	---	mg / --- mL	X		00:25		02:00	00:30	mg/mL	0.4		1.75	Irr w/ ves low-sorb			
albumin 25%	X	X	gram	12.5	25		12.5 gram / 50 mL (0.25 gram / mL)	X			00:15	01:00		n/a								
							25 gram / 100 mL (0.25 gram / mL)	X			00:20	01:00		n/a								
albumin 5%	X	X	gram	12	13		12.5 gram / 250 mL (0.05 gram / mL)	X			00:15	02:00		n/a								
alemtuzumab	X	X	mg	3	30		---	mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.03	0.3	Protect From Light			
amifostine	X	X	mg/m2	200	910		---	mg / --- mL	X			00:03	00:30	00:05	mg/mL		1	50				
amikacin	X	X	mg/kg	4	30	35	---	mg / --- mL	X		00:25		02:00	01:00	mg/mL	1		6				
Aminocaproic LOAD	X	X	gram	4	5		5 gram / 250 mL (0.02 gram / mL)	X			00:45	05:00	01:00	n/a								
							---	gram / --- mL	X			00:45	05:00	01:00	gram/mL		0.01	0.02				
amivantamab <i>Week 1 Day 1</i>	X	X	mg	340	360		350 mg / 250 mL (1.4 mg / mL)	X			02:30	10:00	05:00	n/a					Filter 0.2 Micron			
amivantamab <i>Week 1 Day 2</i>	X	X	mg	650	1,410		700 mg / 250 mL (2.8 mg / mL)	X			02:30	10:00	05:00	n/a								
							1,050 mg / 250 mL (4.2 mg / mL)	X			04:30	14:00	08:00	n/a								
							1,400 mg / 250 mL (5.6 mg / mL)	X			04:30	16:00	10:00	n/a								
amivantamab <i>Week 2</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			02:30	06:00	03:00	n/a								
							1,400 mg / 250 mL (5.6 mg / mL)	X			03:30	08:00	04:00	n/a								
							1,750 mg / 250 mL (7 mg / mL)	X			03:30	08:00	04:00	n/a								
amivantamab <i>Week 3</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a								
							1,400 mg / 250 mL (5.6 mg / mL)	X			02:30	06:00	03:00	n/a								
							1,750 mg / 250 mL (7 mg / mL)	X			02:30	06:00	03:00	n/a								
amivantamab <i>Week 4</i>	X	X	mg	1,040	1,760		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a								
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a								
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a								
amivantamab <i>Week Subsequent</i>	X	X	mg	1,040	2,110		1,050 mg / 250 mL (4.2 mg / mL)	X			01:30	04:00	02:00	n/a								
							1,400 mg / 250 mL (5.6 mg / mL)	X			01:30	04:00	02:00	n/a								
							1,750 mg / 250 mL (7 mg / mL)	X			01:30	04:00	02:00	n/a								
							2,100 mg / 250 mL (8.4 mg / mL)	X			01:30	04:00	02:00	n/a								
ampho B <i>(LIPOSOMAL)</i>	X	X	mg/kg	2.8	5.5		---	mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.2	2	D5W and light			
amphotericin B <i>Standard Dosing</i>	X	X	mg	1	100		---	mg / --- mL	X		00:59		06:00		mg/mL		0.05	0.25	D5W and light			
amphotericin B <i>Blasto load < 100 KG</i>	X	X	mg/kg	0.45	0.55	0.6	---	mg / --- mL	X			02:30	03:30	03:00	mg/mL	0.009	0.09	0.25	D5W and light			

Intermittent Drugs - Oncology

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
amphotericin B Blasto load >= 100KG	X	X	mg	45	50	55	50 mg / 500 mL (0.1 mg / mL)	X			02:30	03:30	03:00	n/a				D5W and light
amphotericin B Blasto Maintenance	X	X	mg/kg	0.6	0.9	1	--- mg / --- mL	X		22:00	23:00	25:00	24:00	mg/mL		0.009	0.25	D5W and light
ampicillin	X	X	gram	0.2	12		0.5 gram / 50 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							12 gram / 500 mL (0.024 gram / mL)	X	22:00	23:00	25:00	24:00	n/a					
--- gram / --- mL	X			00:25	01:00	00:30	gram/mL	0.005		0.1								
ampicillin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
ampicillin/sulbact	X	X	gram	0.1	3	4.5	1.5 gram / 50 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:10	01:00	00:15	n/a				
							--- gram / --- mL	X			00:10	01:00	00:15	gram/mL	0.015		0.45	
anakinra	X	X	mg	90	210		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:15	n/a				Light -drug/tubing
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		1	5	
andexanet alfa	X	X	mg	400	960		400 mg / 40 mL (10 mg / mL)	X			00:13	00:30	00:14	n/a				Filter 0.2 Micron
							480 mg / 48 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				
							800 mg / 80 mL (10 mg / mL)	X			00:25	00:40	00:27	n/a				
							960 mg / 96 mL (10 mg / mL)	X			01:40	03:00	02:00	n/a				
arsenic trioxide	X	X	mg/kg	0.1	0.3		--- mg / --- mL	X			00:55	04:10	02:00	mg/mL		0.02	0.2	
asparaginase	X	X	unit/m2	23,000	27,000		--- unit / --- mL	X		00:30		02:00	01:00	unit/mL		150	600	Hypersensitiv ty
Atezolizumab First Dose	X	X	mg	830		1,690	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	01:00	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X			00:25		01:20	01:00	n/a			
							1,680 mg / 250 mL (6.72 mg / mL)	X			00:25		01:20	01:00	n/a			
Atezolizumab Subsequent Doses	X	X	mg	830		1,690	840 mg / 250 mL (3.36 mg / mL)	X		00:25		01:20	00:30	n/a				
							1,200 mg / 250 mL (4.8 mg / mL)	X			00:25		01:20	00:30	n/a			
							1,680 mg / 250 mL (6.72 mg / mL)	X			00:25		01:20	00:30	n/a			
ATGAM-lymph horse Ig	X	X	mg	2	45		--- mg / --- mL	X		01:45	03:30	12:00		mg/mL		0.9	4	
avelumab	X	X	mg	795	805		800 mg / 250 mL (3.2 mg / mL)	X			00:55	02:00	01:00	n/a				filter low-sorbing
axatilimab	X	X	mg	6	35		23 mg / 50 mL (0.46 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
							35 mg / 50 mL (0.7 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.24	0.75	
azactidine	X	X	mg/m2	37	100		--- mg / --- mL	X		00:05		00:40	00:10	mg/mL		0.5	5	

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
azithromycin	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL) --- mg / --- mL	X		00:50		03:00	01:00	n/a				
aztreonam	X	X	gram	0.25	2		1 gram / 100 mL (0.01 gram / mL) 2 gram / 100 mL (0.02 gram / mL) --- gram / --- mL	X			00:25	01:00	00:30	n/a		0.5	2.5	
belantamab mafodotin	X	X	mg/kg	1.7	2.7		--- mg / --- mL	X		00:20		01:00	00:30	mg/mL		0.2	2	
Belatacept	X	X	mg/kg	4	5.5		--- mg / --- mL	X			00:20	00:40	00:30	mg/mL	1.9		11	Low-sorbing filter
Belimumab	X	X	mg	500		1,200	--- mg / --- mL	X		00:55		03:00	01:00	mg/mL	1.5		4.8	Saline only
bendamustine HCl <i>Bendeka</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:08	01:00	00:10	mg/mL		1	6	Irritant w/ vesicant
bendamustine HCl <i>Treanda</i>	X	X	mg/m2	50	120		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	0.6	Irritant w/ vesicant
Bevacizumab FIRST	X		mg/kg	5	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		1	25	
bevacizumab subseque <i>10 mg/kg doses</i>	X	X	mg/kg	9	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>15 mg/kg doses</i>	X	X	mg/kg	14	15.5		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL	1		25	
bevacizumab subseque <i>5 mg/kg doses</i>	X	X	mg/kg	4.5		8	--- mg / --- mL	X			00:09	01:00	00:15	mg/mL		1	25	
bevacizumab subseque <i>7.5 mg/kg doses</i>	X	X	mg/kg	7		8.5	--- mg / --- mL	X			00:12	01:00	00:15	mg/mL	1		25	
bezlotoxumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.9	1	10	Filter 0.2 Micron
bleomycin	X	X	unit/m2	9	30		--- unit / --- mL	X			00:05	01:00	00:15	unit/mL		0.1	3	Irritant w/ vesicant
blinatumomab	X		mcg	9	28		9 mcg / 240 mL (0.0375 mcg / mL) 28 mcg / 240 mL (0.1167 mcg / mL)	X		21:00	22:00	24:00	24:00	n/a				No flush
brentuximab	X	X	mg/kg	1	2		--- mg / --- mL	X			00:25	00:45	00:30	mg/mL		0.4	1.8	Irritant w/ vesicant
Cabazitaxel	X	X	mg/m2	20		30	--- mg / --- mL	X		00:45		01:45	01:00	mg/mL	0.1		0.25	Low-Sorbing
caffeine/sod benzoa	X	X	mg	490	510		500 mg / 1,000 mL (0.5 mg / mL)	X		00:50	00:55	02:00	01:01	n/a				
calcium chloride	X	X	mg	500	1,000	1,500	1,000 mg / 50 mL (20 mg / mL) --- mg / --- mL	X			00:08	02:00	01:00	n/a				Central Line Only

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
calcium gluconate	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							2,000 mg / 100 mL (20 mg / mL)	X		00:10	00:15	06:00	01:00	n/a				
							--- mg / --- mL	X		00:10	00:15	06:00		mg/mL		10	200	
CARBOplatin	X	X	mg	100	900		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL		0.6	3.6	Irritant
carfilzomib	X	X	mg/m2	15	73		--- mg / --- mL	X			00:10	00:45	00:30	mg/mL		0.2	2	
carmustine	X	X	mg/m2	65	210		--- mg / --- mL	X			01:00	04:00	02:00	mg/mL		0.1	0.3	Irritant w/ vesicant
ceFAZolin	X	X	gram	0.25	3.1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							3 gram / 100 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
ceFAZolin challenge	X	X	mg	20	1,780		20 mg / 100 mL (0.2 mg / mL)	X			00:25	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							1,780 mg / 100 mL (17.8 mg / mL)	X			00:25	01:00	00:30	n/a				
cefePIME 30 minute infusion	X	X	gram	0.25	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	
cefePIME 4 hour infusion	X	X	gram	0.5	2		0.5 gram / 50 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
							0.5 gram / 100 mL (0.005 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 50 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			03:40	05:00	04:00	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			03:40	05:00	04:00	n/a				
cefePIME challenge	X	X	mg	10	980		10 mg / 100 mL (0.1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							890 mg / 100 mL (8.9 mg / mL)	X			00:25	01:00	00:30	n/a				
cefiderocol	X	X	gram	0.75	2		0.75 gram / 100 mL (0.0075 gram / mL)	X			02:40	04:00	03:00	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			02:40	04:00	03:00	n/a				
							1.5 gram / 100 mL (0.015 gram / mL)	X			02:40	04:00	03:00	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			02:40	04:00	03:00	n/a				
ceFOXitin	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04	

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
ceftAROLine	X	X	mg	200	600		400 mg / 50 mL (8 mg / mL)	X		00:05		00:30	00:15	n/a				
							600 mg / 50 mL (12 mg / mL)	X		00:05		00:30	00:15	n/a				
							--- mg / --- mL	X		00:05		01:00	00:15	mg/mL		0.8	12	
ceftAZidime	X	X	gram	0.5	2		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X		00:25	01:00	00:30	n/a					
							--- gram / --- mL	X		00:25	01:00	00:30	gram/mL		0.01	0.04		
ceftazidime-avibactm	X	X	gram	0.94	2.5		0.94 gram / 50 mL (0.0188 gram / mL)	X		01:40	04:00	02:00	n/a					
							1.25 gram / 100 mL (0.0125 gram / mL)	X		01:40	04:00	02:00	n/a					
							2.5 gram / 100 mL (0.025 gram / mL)	X		01:40	04:00	02:00	n/a					
ceftolozane-tazo	X	X	gram	0.15	3		1.5 gram / 100 mL (0.015 gram / mL)	X		00:40	03:00	01:00	n/a					
							3 gram / 100 mL (0.03 gram / mL)	X		00:40	03:00	01:00	n/a					
							--- gram / --- mL	X		00:40	03:00	01:00	gram/mL		0.001	0.03		
cefTRIAxone	X	X	gram	0.125	2		1 gram / 50 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							1 gram / 100 mL (0.01 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 50 mL (0.04 gram / mL)	X		00:25	01:00	00:30	n/a					
							2 gram / 100 mL (0.02 gram / mL)	X		00:25	01:00	00:30	n/a					
							--- gram / --- mL	X		00:25	01:00	00:30	gram/mL		0.01	0.04		
cefTRIAxone challeng	X	X	mg	10	890		10 mg / 100 mL (0.1 mg / mL)	X		00:25	01:00	00:30	n/a					
							100 mg / 100 mL (1 mg / mL)	X		00:25	01:00	00:30	n/a					
							890 mg / 100 mL (8.9 mg / mL)	X		00:25	01:00	00:30	n/a					
cemiplimab-rwlc	X	X	mg	150	400		350 mg / 100 mL (3.5 mg / mL)	X		00:25		02:00	00:30	n/a			Filter 0.2 Micron	
cetuximab <i>Loading Dose</i>	X	X	mg/m2	350	550		--- mg / --- mL	X		01:45		04:00	02:00	mg/mL		1.5	3	Filter 0.2 Micron
cetuximab <i>Maintenance Dose</i>	X	X	mg/m2	200	550		--- mg / --- mL	X		00:50	01:30	01:00	mg/mL		1.5	3	Filter 0.2 Micron	
chlorothiazide	X	X	mg	250	2,000		--- mg / --- mL	X		00:15	02:00	00:30	mg/mL		1	30		
chlorproMAZINE	X	X	mg	5	26	50	6.25 mg / 25 mL (0.25 mg / mL)	X		00:06		00:15	00:10	n/a				
							12.5 mg / 25 mL (0.5 mg / mL)	X		00:12		00:20	00:15	n/a				
							25 mg / 25 mL (1 mg / mL)	X		00:25		00:35	00:30	n/a				
cidofovir	X	X	mg/kg	0.2	10		--- mg / --- mL	X		00:59		01:30	01:00	mg/mL	0.1		10	
CIPROfloxacin	X	X	mg	200	400		200 mg / 100 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X		00:50	02:00	01:00	n/a					
CISplatin <i>30 minute infusion</i>	X	X	mg/m2	18	32		--- mg / --- mL	X		00:20	06:00	00:30	mg/mL	0.04	0.06	0.5	Irritant w/ vesicant	
CISplatin <i>60 minute infusion</i>	X	X	mg/m2	18	105		--- mg / --- mL	X		00:45	06:00	01:00	mg/mL	0.03	0.04	0.6	Irritant w/ vesicant	

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
cixutumumab	X	X	mg/kg	9	11		--- mg / --- mL	X		00:50		02:30	01:00	mg/mL		1.9	6	Filter 0.2 Micron
cladribine <i>120 minute infusion</i>	X	X	mg/kg	0.1	0.19		--- mg / --- mL	X			02:00	02:30	02:00	mg/mL	0.007		0.24	Irritant w/ vesicant
cladribine <i>24 hour Infusion</i>	X	X	mg/kg	0.08	0.1		--- mg / --- mL	X		21:00	23:00	25:00	24:00	mg/mL		0.01	0.056	Irritant w/ vesicant
CLINDAmycin	X	X	mg	50	900		300 mg / 50 mL (6 mg / mL)	X		00:10	01:00	00:30	n/a					
							600 mg / 50 mL (12 mg / mL)	X		00:20	01:00	00:30	n/a					
							900 mg / 50 mL (18 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:10	01:00	00:30	mg/mL		3	18		
clofarabine	X	X	mg/m2	10	42		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.15	0.4	
Colistin	X	X	mg/kg	1	2.75	4	--- mg / --- mL	X		00:15		02:00	00:30	mg/mL	1		3	
crizanlizumab	X		mg/kg	4.5	5.5		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		1.75	9.6	Filter 0.2 Micron
cupric chloride	X	X	mg	1	5		2 mg / 250 mL (0.008 mg / mL)	X			02:30	05:00	03:00	n/a				
							--- mg / --- mL	X			02:30	05:00	03:00	mg/mL	0.002	0.004	0.05	
cycloPHOSphamide	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:15		02:00	00:20	mg/mL		1	20	Irritant w/ vesicant
cytarabine CONTINUOUS	X	X	mg/m2	80	220	300	--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	3	cytarabine INFUSION
cytarabine IVPB	X	X	mg/m2	900	3,300		--- mg / --- mL	X			01:45	04:00	02:00	mg/mL		0.9	7	cytarabine IVPB
dacarbazine	X	X	mg/m2	150	1,000		--- mg / --- mL	X			00:20	02:30	00:30	mg/mL		0.5	10	Irritant and light
dalbavancin	X	X	mg	374	1,500		1,500 mg / 325 mL (4.6154 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	5	
DAPTOmycin	X	X	mg	250	1,000		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	2		15	
Daratumumab <i>First Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30	04:00	21:00	20:00	mg/mL		0.5	2	Filter 0.2 Micron
Daratumumab <i>Second Dose</i>	X	X	mg/kg	7	17		--- mg / --- mL	X		02:30		12:00	10:00	mg/mL		0.5	4	Filter 0.2 Micron
Daratumumab <i>Subsequent Doses</i>	X	X	mg/kg	14	17		--- mg / --- mL	X		01:30		06:00		mg/mL		1.6	4	Filter 0.2 Micron
datopotamab deruxtcn <i>First Dose</i>	X	X	mg	100		540	--- mg / --- mL	X			01:00	03:00	01:30	mg/mL		1	5.4	Filter and light
datopotamab deruxtcn <i>Subsequent Doses</i>	X	X	mg	100		540	--- mg / --- mL	X			00:20	02:00	00:30	mg/mL		1	5.4	Filter and light
Decitabine	X	X	mg/m2	8	20		--- mg / --- mL	X		00:50		03:20		mg/mL		0.05	0.2	
deFERoxamine	X	X	mg	450	5,000	6,000	500 mg / 5.3 mL (94.3396 mg / mL)		X		03:00	05:00	04:00	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							--- mg / --- mL	X	X	01:30		24:01		mg/mL	0.7		12	
denileukin	X	X	mcg/kg	9	18		--- mcg / --- mL	X			00:30	01:30	01:00	mcg/mL	15		30	
desmopressin	X	X	mcg/kg	0.25	0.35		--- mcg / --- mL	X			00:15	01:00	00:30	mcg/mL		0.01	4	
dexAMETHasone	X	X	mg	4	40		10 mg / 50 mL (0.2 mg / mL)	X			00:10	00:30	00:15	n/a				
							20 mg / 50 mL (0.4 mg / mL)	X			00:10	00:30	00:15	n/a				
							40 mg / 50 mL (0.8 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.08	1	
dexRAZOxane cardio	X	X	mg/m2	100	775		--- mg / --- mL	X			00:10	01:00		mg/mL		1.3	3	dexRAZOxane cardio
dexRAZOxane extravas <2 m2	X	X	mg/m2	225	1,025		--- mg / --- mL	X			00:30	01:30	01:01	mg/mL		1.3	3	dexRAZOxane extravas
dexRAZOxane extravas >=2 m2	X	X	mg	495	2,005		500 mg / 1,000 mL (0.5 mg / mL)	X			00:30	01:30	01:01	n/a				
							1,000 mg / 1,000 mL (1 mg / mL)	X			00:30	01:30	01:01	n/a				
							2,000 mg / 1,000 mL (2 mg / mL)	X			00:30	01:30	01:01	n/a				
dextrose 10 %	X	X	gram	24	26		25 gram / 250 mL (0.1 gram / mL)	X			00:16	00:30	00:16	n/a				
diphenhydrAMINE	X	X	mg	12.5	50		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	1	
DOCEtaxel 1 hour infusion	X	X	mg/m2	35	100		--- mg / --- mL	X			00:45	03:00	01:00	mg/mL		0.3	0.74	Irritant and DEHP
DOCEtaxel Titrated rate	X	X	mg/m2	35	100		--- mg / --- mL	X			00:40	27:00	25:00	mg/mL		0.3	0.74	Irritant and DEHP
dolasetron	X	X	mg	12.5	100		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.2	2	
dostarlimab	X	X	mg	490	1,010		500 mg / 110 mL (4.5455 mg / mL)	X			00:20	01:00	00:30	n/a				
							1,000 mg / 120 mL (8.3333 mg / mL)	X			00:20	01:00	00:30	n/a				
DOXOrubicin INFUSION	X	X	mg/m2	8	50		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.03	0.2	Vesicant
DOXOrubicin, liposo First Dose	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00	02:00	mg/mL		0.12	0.44	Irritant, dextrose
DOXOrubicin, liposo Subsequent Doses	X	X	mg/m2	20	50		--- mg / --- mL	X			00:30	02:00	01:00	mg/mL		0.12	0.44	Irritant, dextrose
doxyCYCLINE	X	X	mg	25	200		100 mg / 250 mL (0.4 mg / mL)	X			00:45	04:00	01:00	n/a				
							--- mg / --- mL	X			00:45	04:00		mg/mL		0.1	1	
durvalumab	X	X	mg	1,450	1,550		1,500 mg / 100 mL (15 mg / mL)	X			00:50	02:00	01:00	n/a				Filter 0.2 Micron
durvalumab	X	X	mg/kg	8	12		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	15	Filter 0.2 Micron
Eculizumab	X	X	mg	300		1,201	300 mg / 60 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							600 mg / 120 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							900 mg / 180 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
							1,200 mg / 240 mL (5 mg / mL)	X			00:30	02:00	00:35	n/a				
efgartigimod alfa <i>Less than 120 kg</i>	X		mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	2	2.5	9.6	Filter and light
efgartigimod alfa <i>120 kg and up</i>	X		mg	1,150	1,250		1,200 mg / 125 mL (9.6 mg / mL)	X			00:40	02:00	01:00	n/a				Filter and light
enfortumab vedotin	X	X	mg/kg	0.5	1.25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.3	4	Irritant w/ vesicant
EPOCH	X	X	mg/m2	50	125		--- mg / --- mL	X			22:00	25:00	24:00	mg/mL		0.01	0.25	EPOCH
eptinezumab	X		mg	95	305		100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				Filter 0.2 Micron
							200 mg / 100 mL (2 mg / mL)	X			00:25	01:00	00:30	n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:25	01:00	00:30	n/a				
ertapenem	X	X	gram	0.45	1.25		1 gram / 50 mL (0.02 gram / mL)	X			00:25	02:00	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	02:00	00:30	n/a				
							--- gram / --- mL	X			00:25	02:00	00:30	gram/mL		0.01	0.02	
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a				
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5	
etoposide	X	X	mg/m2	35	200		--- mg / --- mL	X			00:30	02:00	01:00	mg/mL		0.1	0.4	Etoposide IVPB
Etoposide CONT <i>12 hour Infusion</i>	X	X	mg/kg	4	6		--- mg / --- mL	X			11:00	16:00	12:00	mg/mL	0.1		0.4	Etoposide continuous
Etoposide CONT <i>24 hour Infusion</i>	X	X	mg/m2	80	110		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL	0.1		0.4	Etoposide continuous
fam-trastuzumab deru <i>First Dose</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			01:15	03:00	01:30	mg/mL		1	10	fam-trastuzum ab deru
fam-trastuzumab deru <i>Subsequent Doses</i>	X		mg/kg	3	6.8		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	10	fam-trastuzum ab deru
Ferric CARBOXymaltos	X	X	mg	600		751	750 mg / 250 mL (3 mg / mL)	X			00:12	01:00	00:20	n/a				
							--- mg / --- mL	X			00:12	01:00	00:20	mg/mL	1.5		3.2	
ferric gluconate Na	X	X	mg	62.5	500		125 mg / 100 mL (1.25 mg / mL)	X		00:15		01:30	01:00	n/a				
							250 mg / 250 mL (1 mg / mL)	X		00:30		02:30	02:00	n/a				
							--- mg / --- mL	X			01:00	03:00		mg/mL		1	5	
Ferumoxytol	X	X	mg	500	520		510 mg / 67 mL (7.6119 mg / mL)	X			00:14	00:30	00:15	n/a				
filgrastim	X	X	mcg/kg	3	12		--- mcg / --- mL	X		00:10		00:45	00:15	mcg/mL		0.2	16	
fluCONazole	X	X	mg	50	800		100 mg / 50 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:30	04:00	01:00	n/a				

Intermittent Drugs - Oncology

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							400 mg / 200 mL (2 mg / mL)	X			00:30	04:00	02:00	n/a				
							--- mg / --- mL	X			00:30	04:00		mg/mL		1	2	
fluDARAbine	X	X	mg/m2	10	30		--- mg / --- mL	X			00:15	01:15	00:30	mg/mL		0.2	1	
fluoroURACIL	X	X	mg/m2	200	2,000		--- mg / --- mL	X		00:05		24:00	00:10	mg/mL		0.1	50	Irritant w/ vesicant
folic acid	X	X	mg	1		5	1 mg / 50 mL (0.02 mg / mL)	X			00:30	01:00	00:30	n/a				
							--- mg / --- mL	X			00:30	01:00	00:30	mg/mL		0.02	0.1	
fosaprepitant_EMEND	X	X	mg	115	150		150 mg / 250 mL (0.6 mg / mL)	X		00:16		00:40	00:20	n/a				
fosphenytoin	X	X	mg	25	2,000		100 mg / 50 mL (2 mg / mL)	X			00:10	00:30	00:20	n/a				
							--- mg / --- mL	X			00:10	00:30	00:20	mg/mL		1.5	25	
furosemide in HSS	X	X	mg	100	500	1,000	250 mg / 150 mL (1.6667 mg / mL)	X		00:25		00:45	00:30	n/a				
							500 mg / 150 mL (3.3333 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.5		7	
GANCiclovir	X	X	mg/kg	0.625	8		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		1	10	
gemCITAbine 30 minute infusion	X	X	mg/m2	500	1,500		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.1	40	Irritant w/ vesicant
gemCITAbine Extended infusion	X	X	mg/m2	600	1,500		--- mg / --- mL	X			01:00	02:30		mg/mL		0.1	40	Irritant w/ vesicant
gemTUzumab	X	X	mg/m2	1.8	6.3		--- mg / --- mL	X	X		01:45	04:00	02:00	mg/mL		0.075	0.234	Filter and light
gentamicin Dose =< 300 mg	X	X	mg	40	300		80 mg / 50 mL (1.6 mg / mL)	X		00:25		01:20	00:30	n/a				
							--- mg / --- mL	X		00:25		01:20	00:30	mg/mL		0.4	10	
gentamicin Dose > 300 mg	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL		0.4	10	
glofitamab Cycle 1	X	X	mg	2.5	10		2.5 mg / 25 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				Filter 0.2 Micron
							10 mg / 100 mL (0.1 mg / mL)	X			03:30	08:00	04:00	n/a				
glofitamab Cycle 2	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			03:30	08:00	04:00	n/a				Filter 0.2 Micron
glofitamab Cycle 3-12	X	X	mg	28	32		30 mg / 100 mL (0.3 mg / mL)	X			01:30	04:00	02:00	n/a				Filter 0.2 Micron
Glycophos	X	X	mmol	1	16	20	--- mmol / --- mL	X			06:00	24:00	08:00	mmol/mL	0.004		0.1	Glycophos
Golimumab ARIA	X	X	mg/kg	1.5		2.5	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.8	2.5	Low-sorbing filter
granisetron	X	X	mg	0.1	1.1		1 mg / 50 mL (0.02 mg / mL)	X			00:10	00:30	00:15	n/a				
							--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.002	0.2	
guselkumab	X	X	mg	195	205		200 mg / 250 mL (0.8 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
hemin	X	X	mg/kg	0.9	4.1		--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	6		8	Filter 0.2 Micron

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
IFOSfamide	X	X	mg/m2	500	5,000		--- mg / --- mL	X		00:30		24:00		mg/mL		0.6	20	Irritant
IFOSfamide-MESNA	X	X	mg/m2	500	5,500		--- mg / --- mL	X		00:30		25:00		mg/mL		2	29	Irritant
imetelstat	X	X	mg/kg	6.1	8.1		--- mg / --- mL	X			01:30	04:00	02:00	mg/mL	0.3	0.4	2.5	
imipenem/cilastatin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X		00:25	01:00	00:30	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:25	01:00	00:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X		00:50	02:00	01:00	n/a					
							--- mg / --- mL	X		00:25	02:00		mg/mL		2	5		
imipenem-relebactam	X	X	gram	0.5	1.25		0.5 gram / 40 mL (0.0125 gram / mL)	X		00:20	01:00	00:30	n/a					
							0.75 gram / 60 mL (0.0125 gram / mL)	X		00:20	01:00	00:30	n/a					
							1 gram / 80 mL (0.0125 gram / mL)	X		00:20	01:00	00:30	n/a					
							1.25 gram / 100 mL (0.0125 gram / mL)	X		00:20	01:00	00:30	n/a					
inotuzumab	X	X	mg/m2	0.4	1.4		--- mg / --- mL	X		00:45	02:00	01:00	mg/mL		0.01	0.07	inotuzumab	
IPILImumab	X	X	mg/kg	0.8	3.2		--- mg / --- mL	X		00:25	02:00	00:30	mg/mL		1	2	Filter 0.2 Micron	
IRINotecan 30 minute infusion	X	X	mg/m2	40	200		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.12	1.2	Irritant w/ vesicant
IRINotecan 60 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.12	2.8	Irritant w/ vesicant
IRINotecan 90 minute infusion	X	X	mg/m2	60	350		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL		0.12	2.8	Irritant w/ vesicant
IRINotecan liposomal	X	X	mg/m2	45	80		--- mg / --- mL	X		01:00		02:30	01:30	mg/mL	0.12		2.8	
iron DEXTRAN Iron test dose	X	X	mg	24	26		--- mg / --- mL	X		00:05		01:00	00:30	mg/mL		0.24	1	
iron DEXTRAN Maintenance Dose	X	X	mg	100	2,000		--- mg / --- mL	X		01:00		05:00		mg/mL		1	8	Hypersensitivity
iron sucrose	X	X	mg	25	500		100 mg / 100 mL (1 mg / mL)	X		00:06	01:00	00:15	n/a					
							200 mg / 100 mL (2 mg / mL)	X		00:15	01:00	00:30	n/a					
							300 mg / 250 mL (1.2 mg / mL)	X		01:00	02:00	01:30	n/a					
							400 mg / 250 mL (1.6 mg / mL)	X		02:00	03:00	02:30	n/a					
							500 mg / 250 mL (2 mg / mL)	X		03:30	05:00	04:00	n/a					
							--- mg / --- mL	X		00:15	05:00		mg/mL		0.2	2.1		
isatuximab-irfc First Dose	X		mg/kg	9	11		--- mg / --- mL	X		01:30	10:00	10:00	mg/mL		1.6	8	Filter/hypersensitivity	
isatuximab-irfc Second Dose	X		mg/kg	9	11		--- mg / --- mL	X		01:00	06:00	05:00	mg/mL		1.6	8	Filter/hypersensitivity	
isatuximab-irfc Subsequent Doses	X		mg/kg	9	11		--- mg / --- mL	X		01:00	04:00	01:15	mg/mL		1.6	8	Filter/hypersensitivity	

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
ixabepilone	X	X	mg/m2	15	40		--- mg / --- mL	X		02:40		03:20	03:00	mg/mL		0.2	0.6	DEHP and Lactate
ketamine Intermittent	X	X	mg/kg	0.05	0.35		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL	0.05		1	
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a				
							100 mg / 50 mL (2 mg / mL)	X		00:20		01:30	00:30	n/a				
							--- mg / --- mL	X		00:20		01:30	00:30	mg/mL	0.9		5	
lecanemab	X	X	mg/kg	9	11		--- mg / --- mL	X			00:40	02:00	01:00	mg/mL		1.2	6	Filter 0.2 Micron
leucovorin <i>120 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X			01:55	03:00	02:00	mg/mL		0.03	20	
leucovorin <i>15 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X		00:10		00:30	00:15	mg/mL		0.03	20	
leucovorin <i>30 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X		00:20		00:50	00:30	mg/mL		0.03	20	
leucovorin <i>60 minute infusion</i>	X	X	mg/m2	10	500		--- mg / --- mL	X			00:55	02:00	01:00	mg/mL		0.03	20	
levETIRAcetam	X	X	mg	250	1,500	3,000	500 mg / 100 mL (5 mg / mL)	X		00:10		00:30	00:15	n/a				
							1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
							--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15	
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							500 mg / 100 mL (5 mg / mL)	X			00:50	02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X			01:15	02:00	01:30	n/a				
levoLEUCOvorin	X	X	mg/m2	10	500		--- mg / --- mL	X			00:15	03:00	02:00	mg/mL		0.5	4.5	
levoLEUCOvorin	X	X	mg	5	500		--- mg / --- mL	X		00:30	00:45	02:00	01:00	mg/mL	0.5		5	
linezolid	X	X	mg	400	800		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
linvoseltamab <i>First/step up dose</i>	X	X	mg	2	201		2.5 mg / 50 mL (0.05 mg / mL)	X			03:40	08:00	04:00	n/a				
							5 mg / 100 mL (0.05 mg / mL)	X			03:40	08:00	04:00	n/a				
							25 mg / 100 mL (0.25 mg / mL)	X			03:40	08:00	04:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			03:40	08:00	04:00	n/a				
linvoseltamab <i>Second Full Dose</i>	X	X	mg	199	201		200 mg / 100 mL (2 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
linvoseltamab <i>Subsequent Doses</i>	X	X	mg	199	201		200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
loncastuximab	X	X	mg/kg	0.07	0.2		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.04	0.5	Vesicant and filter
turbinectedin	X	X	mg/m2	1.9	3.3		--- mg / --- mL	X			00:50	02:00	01:00	mg/mL		0.005	0.04	Vesicant
magnesium sulfate	X	X	gram	0.5	10	11	1 gram / 100 mL (0.01 gram / mL)	X			00:20	02:00	01:00	n/a				
							2 gram / 50 mL (0.04 gram / mL)	X			00:20	04:00	02:00	n/a				
							4 gram / 100 mL (0.04 gram / mL)	X			00:50	08:00	04:00	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						--- gram / --- mL	X			00:30	12:00		gram/mL		0.01	0.12		
Mannitol IVPB	X	X	gram	12		28	12.5 gram / 100 mL (0.125 gram / mL)	X		00:06	00:15	00:07	n/a					
						25 gram / 140 mL (0.1786 gram / mL)	X			00:09	00:20	00:10	n/a					
						--- gram / --- mL	X			00:06	00:30		No					
margetuximab Initial Dose	X	X	mg/kg	13	17		--- mg / --- mL	X		01:30	04:00	02:00	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron	
margetuximab Subsequent Doses	X	X	mg/kg	13	17		--- mg / --- mL	X		00:20	02:00	00:30	mg/mL	0.3	0.5	7.2	Filter 0.2 Micron	
meropenem 3 hour infusion							500 mg / 50 mL (10 mg / mL)	X		02:30	04:00	03:00	n/a					
							500 mg / 100 mL (5 mg / mL)	X		02:30	04:00	03:00	n/a					
							1,000 mg / 50 mL (20 mg / mL)	X		02:30	04:00	03:00	n/a					
							1,000 mg / 100 mL (10 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,000 mg / 100 mL (20 mg / mL)	X		02:30	04:00	03:00	n/a					
							2,000 mg / 140 mL (14.2857 mg / mL)	X		02:30	04:00	03:00	n/a					
							--- mg / --- mL	X		02:30	04:00	03:00	mg/mL		4	20		
meropenem 30 minute infusion							500 mg / 50 mL (10 mg / mL)	X		00:25	01:00	00:30	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:25	01:00	00:30	n/a					
							1,000 mg / 50 mL (20 mg / mL)	X		00:25	01:00	00:30	n/a					
							1,000 mg / 100 mL (10 mg / mL)	X		00:25	01:00	00:30	n/a					
							2,000 mg / 100 mL (20 mg / mL)	X		00:25	01:00	00:30	n/a					
							2,000 mg / 140 mL (14.2857 mg / mL)	X		00:25	01:00	00:30	n/a					
							--- mg / --- mL	X		00:25	01:00	00:30	mg/mL		4	20		
MESNA BOLUS	X	X	mg/m2	200	600		--- mg / --- mL	X		00:10	00:30	00:15	mg/mL		4	30		
MESNA INFUSION	X	X	mg/m2	600	2,500		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		3	11	
methoTREXATE Standard Dosing	X	X	mg/m2	20	300		--- mg / --- mL	X		00:15	12:00		mg/mL		0.1	25		
methoTREXATE High Dose - GRAMS	X	X	gram/m2	1	12		--- gram / --- mL	X		01:00	25:00		gram/mL		0.01	0.25		
methylPREDNISolone							250 mg / 250 mL (1 mg / mL)	X		00:20	01:00	00:30	n/a					
							500 mg / 250 mL (2 mg / mL)	X		00:20	01:00	00:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X		00:20	01:00	00:30	n/a					
							--- mg / --- mL	X		00:15		01:00	mg/mL		1	40		
metronIDAZOLE							250 mg / 50 mL (5 mg / mL)	X		00:10	02:00	00:15	n/a					
							500 mg / 100 mL (5 mg / mL)	X		00:18	02:00	00:30	n/a					
							--- mg / --- mL	X		00:50	02:00	01:00	mg/mL		2	5		
micafungin	X	X	mg	49	151	300	--- mg / --- mL	X		00:45	01:30	01:00	mg/mL		0.49	1.51		
mitoMYcin	X	X	mg/m2	10	20		--- mg / --- mL	X		00:15	00:30	00:20	mg/mL		0.4	2	Vesicant	

Intermittent Drugs - Oncology

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
mitoXANtrone	X	X	mg/m2	10	15		--- mg / --- mL	X			00:20	00:45	00:30	mg/mL		0.2	0.4	Irritant w/ vesicant
mogamulizumab	X		mg/kg	0.8	1.2		--- mg / --- mL	X			01:00	02:00	01:00	mg/mL		0.1	3	Filter/hypersensitiv
mosunetuzumab Cycle 1	X	X	mg	1	60		1 mg / 100 mL (0.01 mg / mL)	X			03:40	05:00	04:00	n/a				
							2 mg / 100 mL (0.02 mg / mL)	X			03:40	05:00	04:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			03:40	05:00	04:00	n/a				
mosunetuzumab Subsequent Doses	X	X	mg	1	60		1 mg / 100 mL (0.01 mg / mL)	X			01:40	05:00	04:00	n/a				
							2 mg / 100 mL (0.02 mg / mL)	X			01:40	05:00	04:00	n/a				
							30 mg / 100 mL (0.3 mg / mL)	X			01:40	04:00	02:00	n/a				
							60 mg / 100 mL (0.6 mg / mL)	X			01:40	04:00	02:00	n/a				
moxetumomab	X	X	mg/kg	0.03	0.05		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.02	0.2	
mycoPHENOLate	X	X	mg	50	1,500		--- mg / --- mL	X			01:50	04:00	02:00	mg/mL	5.8		6.2	
nafcilin	X	X	gram	0.2	6		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a				
							1 gram / 100 mL (0.01 gram / mL)	X			00:25	01:30	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X			00:25	01:30	01:00	n/a				
							6 gram / 250 mL (0.024 gram / mL)	X			11:00	13:00	12:00	n/a				
							--- gram / --- mL	X			00:25	01:30		gram/mL		0.01	0.04	
Natalizumab	X	X	mg	299		301	300 mg / 115 mL (2.6087 mg / mL)	X			00:45	01:15	01:00	n/a				
Nelarabine	X	X	mg/m2	1,400	1,650		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL	4.9		5.1	
Nivolumab	X	X	mg	239		481	240 mg / 100 mL (2.4 mg / mL)	X			00:25	01:50	00:30	n/a				Filter 0.2 Micron
							360 mg / 100 mL (3.6 mg / mL)	X			00:25	01:50	00:30	n/a				
							480 mg / 100 mL (4.8 mg / mL)	X			00:25	01:50	00:30	n/a				
Nivolumab	X	X	mg/kg	0.8		3.3	--- mg / --- mL	X			00:25	01:50	00:30	mg/mL	0.65		10	Filter 0.2 Micron
Obinutuzumab-100 mg	X	X	mg	99	101		100 mg / 100 mL (1 mg / mL)	X			03:30	04:30	04:00	n/a				Saline only
Olaratumab	X	X	mg/kg	10	17		--- mg / --- mL	X			00:50	02:30	01:00	mg/mL		2.4	7.5	Saline only
ondansetron	X	X	mg	2	32		--- mg / --- mL	X			00:10	01:00	00:15	mg/mL		0.04	0.64	
Ondansetron ARCC	X	X	mg	2	32		16 mg / 90 mL (0.1778 mg / mL)	X			00:10	01:00	00:15	n/a				
Oritavancin	X	X	mg	700	1,250		800 mg / 1,000 mL (0.8 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				Dextrose only
							1,200 mg / 1,000 mL (1.2 mg / mL)	X		02:30	02:45	04:00	03:00	n/a				
OXALiplatin	X	X	mg/m2	60	135		--- mg / --- mL	X			01:45	03:00	02:00	mg/mL		0.15	1.5	Oxaliplatin
PACLitaxel 1 hour infusion	X	X	mg/m2	25	100		--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
PACLitaxel 3 hour infusion	X	X	mg/m2	120	230		--- mg / --- mL	X			02:30	05:00	03:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Continuous	X		mg/m2	120	275		--- mg / --- mL	X		21:00	22:00	25:00	24:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Titrated q2-3 weeks	X	X	mg/m2	120	230		--- mg / --- mL	X			02:00	50:00	50:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
PACLitaxel Titrated weekly	X	X	mg/m2	25	100		--- mg / --- mL	X			00:40	26:00	25:00	mg/mL		0.3	1.2	Irr w/ ves low-sorb
Palonosetron	X	X	mg	0.2	0.25		0.25 mg / 50 mL (0.005 mg / mL)	X			00:10	00:30	00:15	n/a				
pamidronate	X	X	mg	29	90		30 mg / 250 mL (0.12 mg / mL)	X			01:30	06:00	02:00	n/a				Dedicated IV Line
							60 mg / 250 mL (0.24 mg / mL)	X			01:30	06:00	02:00	n/a				
							90 mg / 250 mL (0.36 mg / mL)	X			01:30	06:00	02:00	n/a				
							--- mg / --- mL	X			01:30	06:00	02:00	mg/mL		0.001	0.4	
panitumumab First Dose	X	X	mg/kg	3	9		--- mg / --- mL	X			00:50	01:30		mg/mL		5	10	filter low-sorbing
panitumumab Subsequent Doses	X	X	mg/kg	3	9		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		5	10	filter low-sorbing
pegaspargase	X	X	unit/m2	2,250	2,750		--- unit / --- mL	X		00:50		02:30	01:00	unit/mL	30		63	
Pembrolizumab	X	X	mg	180		420	200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				Filter 0.2 Micron
							400 mg / 100 mL (4 mg / mL)	X			00:20	01:00	00:30	n/a				
Pembrolizumab	X	X	mg/kg	1.75	2.25		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	1		10	Filter 0.2 Micron
PEMExred	X	X	mg/m2	375	525		--- mg / --- mL	X		00:08		00:15	00:10	mg/mL		3	13	
pemivibart	X	X	mg	4,400	4,600		4,500 mg / 50 mL (90 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
penG 2.5 Mill Units	X	X	unit	2	3		2.5 unit / 100 mL (0.025 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
penG 5 million units	X	X	unit	4.5	5.5		5 unit / 250 mL (0.02 unit / mL)	X			00:25	02:30	01:00	n/a				1unit=1million
Penicillin G	X	X	unit	1	5		--- unit / --- mL	X			00:25	02:30	01:00	unit/mL	0.02		0.05	1unit=1million
pentoSTATIN	X	X	mg/m2	2	6		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		0.18	0.33	
Pertuzumab	X	X	mg	419		841	420 mg / 264 mL (1.5909 mg / mL)	X			00:20	01:30	00:30	n/a				Pertuzumab
							840 mg / 278 mL (3.0216 mg / mL)	X			00:50	01:30	01:00	n/a				
PHENobarbital	X	X	mg	30	1,000		--- mg / --- mL	X		00:10		00:30	00:15	No				
phytonadione	X	X	mg	1	10		5 mg / 50 mL (0.1 mg / mL)	X			00:15	01:00	00:30	n/a				
							10 mg / 50 mL (0.2 mg / mL)	X			00:15	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00	00:30	mg/mL		0.02	0.4	
piperacillin/tazo	X	X	gram	0.75	4.5		0.75 gram / 50 mL (0.015 gram / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
30 minute infusion																		
piperacillin/tazo 4 hour infusion																		
	X	X	gram	3.2	4.6													
polatuzumab vedotin First Dose	X	X	mg/kg	1.4	1.8													
polatuzumab vedotin Subsequent Doses	X	X	mg/kg	1.4	1.8													
potassium acetate Central																		
	X	X	mEq	5	60													
potassium acetate Peripheral																		
	X	X	mEq	5	40													
potassium chloride Central																		
	X	X	mEq	5	60													
potassium chloride Peripheral																		
	X	X	mEq	5	40													
potassium PHOSphate Central																		
	X	X	mmol	14	40													
potassium PHOSphate Peripheral																		
	X	X	mmol	10	30													

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						20 mmol / 250 mL (0.08 mmol / mL)	X		02:00		06:00	03:00	n/a					
						--- mmol / --- mL	X		02:00		06:00		mmol/mL		0.01	0.09		
promethazine	X	X	mg	10	50	12.5 mg / 50 mL (0.25 mg / mL)	X			00:15	01:00	00:20	n/a					
						25 mg / 50 mL (0.5 mg / mL)	X			00:15	01:00	00:20	n/a					
						50 mg / 50 mL (1 mg / mL)	X			00:15	01:00	00:20	n/a					
						--- mg / --- mL	X			00:15	01:00	00:20	mg/mL	0.1	0.2	1		
Ramucirumab First Dose	X	X	mg/kg	7	11	--- mg / --- mL	X		00:50		03:00	01:00	mg/mL	1.5		4	Filter 0.2 Micron	
Ramucirumab Subsequent Doses	X	X	mg/kg	7	11	--- mg / --- mL	X		00:20		03:00	00:30	mg/mL	1.5		4		
rasburicase	X	X	mg	1.5		14.2	3 mg / 50 mL (0.06 mg / mL)	X		00:25		00:45	00:30	n/a				
							--- mg / --- mL	X		00:25		00:45	00:30	mg/mL	0.025		0.285	
ravulizumab-cwvz Loading Dose	X		mg	2,350	3,050		2,400 mg / 48 mL (50 mg / mL)	X			00:40	02:00	00:50	n/a				
							2,700 mg / 54 mL (50 mg / mL)	X			00:30	02:00	00:40	n/a				
							3,000 mg / 60 mL (50 mg / mL)	X			00:15	01:00	00:25	n/a				
ravulizumab-cwvz Maintenance Dose	X		mg	2,950	3,650		3,000 mg / 60 mL (50 mg / mL)	X			00:45	02:00	00:55	n/a				
							3,300 mg / 66 mL (50 mg / mL)	X			00:30	02:00	00:45	n/a				
							3,600 mg / 72 mL (50 mg / mL)	X			00:20	01:00	00:30	n/a				
relatlimab-nivolumab	X		mg	470	490		480 mg / 100 mL (4.8 mg / mL)	X			00:20	01:00	00:30	n/a			relatlimab-nivolumab	
retifanlimab	X	X	mg	499	501		500 mg / 250 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a			Filter and light	
rifampin	X	X	mg	100	600		300 mg / 100 mL (3 mg / mL)	X			00:25	03:00		n/a				
							300 mg / 250 mL (1.2 mg / mL)	X			00:25	03:00		n/a				
							600 mg / 500 mL (1.2 mg / mL)	X			00:50	03:00		n/a				
							--- mg / --- mL	X			00:25	03:00		mg/mL		0.1	6.5	
risankizumab	X	X	mg	595	1,205		600 mg / 100 mL (6 mg / mL)	X			00:40	02:00	01:00	n/a			Protect From Light	
							1,200 mg / 250 mL (4.8 mg / mL)	X			01:40	04:00	02:00	n/a				
ritUXimab	X	X	mg/m2	60	500		--- mg / --- mL	X			01:00	25:00		mg/mL		0.4	4	
romiDEPsin	X	X	mg/m2	4.5	14.5		--- mg / --- mL	X			04:00	08:00	04:00	mg/mL		0.01	0.07	
sacituzumab govtecan First Dose	X	X	mg/kg	4	11		--- mg / --- mL	X			01:00	04:00	03:00	mg/mL	1		3.5	
sacituzumab govtecan Subsequent Doses	X	X	mg/kg	4	11		--- mg / --- mL	X			00:40	03:00	01:00	mg/mL	1		3.5	
secukinumab	X	X	mg	60	800		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1.2	8	
sodium bicarbonate	X	X	mEq	45	155		50 mEq / 50 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							100 mEq / 100 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
							150 mEq / 150 mL (1 mEq / mL)	X			00:10	00:30	00:15	n/a				
sodium phosphate	X	X	mmol	10	60		15 mmol / 250 mL (0.06 mmol / mL)	X		02:00		06:00	03:00	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
						--- mmol / --- mL	X		02:00		09:00		mmol/mL		0.03	0.3		
sodium thiosulfate	X	X	gram	12.5	50	12.5 gram / 200 mL (0.0625 gram / mL)	X			00:30	05:00		n/a					
						25 gram / 200 mL (0.125 gram / mL)	X			00:30	05:00		n/a					
						--- gram / --- mL	X			00:30	05:00		gram/mL		0.05	0.5		
spesolimab	X	X	mg	895	905	900 mg / 100 mL (9 mg / mL)	X			01:00	03:00	01:30	n/a				Filter and light	
STREPTOzocin	X	X	mg/m2	400		1,500	--- mg / --- mL	X			00:45	02:00	01:00	mg/mL		0.8	6	Irritant w/ vesicant
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.1	1.2	
tafasitamab <i>First Dose</i>	X		mg/kg	10	14		--- mg / --- mL	X			01:00	04:00	03:34	mg/mL		2	8	
tafasitamab <i>Subsequent Doses</i>	X	X	mg/kg	10	14		--- mg / --- mL	X			01:00	03:00	01:30	mg/mL		2	8	
tagraxofusp-erzs	X		mcg/kg	11	13		--- mcg / --- mL		X		00:14	00:20	00:15	mcg/mL		95	105	tagraxofusp
tarlatamab	X	X	mg	0.9	11		1 mg / 250 mL (0.004 mg / mL)	X			00:40	02:00	01:00	n/a				
							10 mg / 250 mL (0.04 mg / mL)	X			00:40	02:00	01:00	n/a				
tebentafusp-tebn	X	X	mcg	20	68		20 mcg / 100 mL (0.2 mcg / mL)	X			00:12	00:30	00:15	n/a				
							30 mcg / 100 mL (0.3 mcg / mL)	X			00:12	00:30	00:15	n/a				
							68 mcg / 100 mL (0.68 mcg / mL)	X			00:12	00:30	00:15	n/a				
telisotuzumab vedtin	X	X	mg	30	190		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		1	10	Irr w/ ves filter
temSIROlimus	X	X	mg	15	25		--- mg / --- mL	X		00:25		01:15	00:30	mg/mL		0.099	0.1	Low-Sorbing
teprotumumab	X	X	mg/kg	9.5	20.5		--- mg / --- mL	X			01:00	02:30	01:30	mg/mL	2.5	3	20	
Thiamine	X	X	mg	25	501		200 mg / 50 mL (4 mg / mL)	X			00:15	01:00	00:30	n/a				
							300 mg / 50 mL (6 mg / mL)	X			00:15	01:00	00:30	n/a				
							500 mg / 50 mL (10 mg / mL)	X			00:25	01:00	00:30	n/a				
							--- mg / --- mL	X			00:15	01:00		mg/mL	0.5		11	
tigeCYCLINE	X	X	mg	25	100		50 mg / 50 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
							100 mg / 100 mL (1 mg / mL)	X			00:25	01:00	00:30	n/a				
tisnelizumab	X	X	mg	140	410		150 mg / 50 mL (3 mg / mL)	X			00:20	02:00		n/a				
							200 mg / 50 mL (4 mg / mL)	X			00:20	02:00		n/a				
							300 mg / 100 mL (3 mg / mL)	X			00:20	03:00		n/a				
							400 mg / 100 mL (4 mg / mL)	X			00:20	04:00		n/a				
tisotumab vedotin	X	X	mg	30	200		100 mg / 100 mL (1 mg / mL)	X			00:20	01:00	00:30	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:20	01:00	00:30	n/a				
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL		0.7	2.4	
TOBRAmycin	X	X	mg	40	300		80 mg / 100 mL (0.8 mg / mL)	X		00:25		01:00	00:30	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
<i>Dose =< 300 mg</i>							--- mg / --- mL	X		00:25		01:00	00:30	mg/mL	0.5		10	
TOBRAmycin <i>Dose > 300 mg</i>	X	X	mg	300	840		--- mg / --- mL	X		00:35		01:20	01:00	mg/mL	0.5		10	
Tocilizumab	X	X	mg	199		801	--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1.9	8	
topoTECAN	X	X	mg/m2	0.4	4.2		--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.004		0.1	Irritant w/ vesicant
toripalimab <i>First Dose</i>	X	X	mg	100	500		240 mg / 100 mL (2.4 mg / mL)	X			00:40	02:00	01:00	n/a				filter
							--- mg / --- mL	X			00:40	02:00	01:00	mg/mL	0.8	1	3	low-sorbing
toripalimab <i>Subsequent Doses</i>	X	X	mg	100	500		240 mg / 100 mL (2.4 mg / mL)	X			00:20	01:00	00:30	n/a				filter
							--- mg / --- mL	X			00:20	01:00	00:30	mg/mL	0.8	1	3	low-sorbing
Trabectedin <i>24 hour Infusion</i>	X	X	mg/m2	0.8		1.8	--- mg / --- mL	X		22:00		26:00	24:00	mg/mL	0.001		0.007	Vesicant and filter
Trabectedin <i>3 hour infusion</i>	X	X	mg/m2	0.9	1.3		--- mg / --- mL	X			02:30	06:00	03:00	mg/mL		0.002	0.006	Vesicant and filter
trastuzumab <i>Loading Dose</i>	X		mg/kg	4	8.5		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.4	5	
trastuzumab <i>Subsequent Doses</i>	X	X	mg/kg	1.9	6.5		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		0.4	5	
tremelimumab	X	X	mg	70	305		75 mg / 100 mL (0.75 mg / mL)	X			00:40	02:00	01:00	n/a				Filter 0.2 Micron
							300 mg / 100 mL (3 mg / mL)	X			00:40	02:00	01:00	n/a				
trilaciclib	X	X	mg/m2	210	270		--- mg / --- mL	X			00:20	01:30	00:30	mg/mL		0.5	3	Filter 0.2 Micron
ustekinumab	X	X	mg	250	530		260 mg / 250 mL (1.04 mg / mL)	X			00:45	02:00	01:00	n/a				
							390 mg / 250 mL (1.56 mg / mL)	X			00:45	02:00	01:00	n/a				
							520 mg / 250 mL (2.08 mg / mL)	X			00:45	02:00	01:00	n/a				
valproate sodium	X	X	mg	250	2,000		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		0.1	35	
VANCOmycin <i>Wausau</i>							500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 200 mL (5 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 250 mL (6 mg / mL)	X			01:30	04:00	02:30	n/a				
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7	
VANCOmycin <i>All Other Facilities</i>	X	X	mg	125	2,500		500 mg / 100 mL (5 mg / mL)	X			00:30	01:30	01:00	n/a				
							750 mg / 250 mL (3 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,000 mg / 250 mL (4 mg / mL)	X			01:00	02:30	01:30	n/a				
							1,250 mg / 250 mL (5 mg / mL)	X			01:30	03:00	02:00	n/a				
							1,500 mg / 500 mL (3 mg / mL)	X			02:00	04:00	02:30	n/a				

Intermittent Drugs - Oncology

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							1,750 mg / 500 mL (3.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,000 mg / 500 mL (4 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,250 mg / 500 mL (4.5 mg / mL)	X			02:30	04:00	02:30	n/a				
							2,500 mg / 500 mL (5 mg / mL)	X			02:30	04:00	03:00	n/a				
							--- mg / --- mL	X			01:00	04:30		mg/mL	0.5	1	7	
Vedolizumab	X	X	mg	299	301		300 mg / 250 mL (1.2 mg / mL)	X			00:25	01:30	00:30	n/a				
vinBLAS^{tine}	X	X	mg/m ²	2	10		--- mg / --- mL	X		00:03		00:12	00:05	mg/mL	0.156		0.62	Vesicant
vinCRIS^{tine} 24 hour Infusion	X	X	mg/m ²	0.2	0.5	0.55	--- mg / --- mL	X		22:00		25:00	24:00	mg/mL	0.002		0.009	Vesicant
vinCRIS^{tine} IVPB < 10 minutes	X	X	mg	0.5	3		--- mg / --- mL	X		00:03		00:12	00:10	mg/mL	0.02		0.125	Vesicant
vinOREL^{bine}	X	X	mg/m ²	15	30		--- mg / --- mL	X		00:05		00:11	00:10	mg/mL	0.6		2.4	Vesicant
VORIconazole	X	X	mg	50	600		200 mg / 250 mL (0.8 mg / mL)	X			00:50	02:00	01:00	n/a				
							400 mg / 250 mL (1.6 mg / mL)	X			01:45	04:00	02:00	n/a				
							--- mg / --- mL	X			01:45	04:00		mg/mL	0.4		6	
Vyxeos	X	X	mg/m ²	20	50		--- mg / --- mL	X			01:20	02:00	01:30	mg/mL		0.05	0.25	Irritant w/ vesicant
zanidatamab 1st/2nd	X	X	mg/kg	13	22		--- mg / --- mL	X			01:40	04:30	02:00	mg/mL		0.4	6	Filter 0.2 Micron
zanidatamab 3rd/4th	X	X	mg/kg	13	22		--- mg / --- mL	X			01:00	03:30	01:30	mg/mL		0.4	6	Filter 0.2 Micron
zanidatamab Subsequent Doses	X	X	mg/kg	13	22		--- mg / --- mL	X			00:40	02:30	01:00	mg/mL		0.4	6	Filter 0.2 Micron
zenocutuzumab	X	X	mg	740	760		750 mg / 250 mL (3 mg / mL)	X			03:40	08:00	04:00	n/a				Filter 0.2 Micron
zidovudine	X	X	mg/kg	1	2		--- mg / --- mL	X			00:50	01:30	01:00	mg/mL		1	4	
Ziv-aflibercept	X	X	mg/kg	3.5	4.5		--- mg / --- mL	X		00:45		01:15	01:00	mg/mL	0.6		8	Low-Sorbing
zolbetuximab First Dose	X	X	mg/m ²	750	850		--- mg / --- mL	X			02:30	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zolbetuximab Subsequent q2 weeks	X	X	mg/m ²	350	450		--- mg / --- mL	X			01:30	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zolbetuximab Subsequent q3 weeks	X	X	mg/m ²	550	650		--- mg / --- mL	X			02:00	14:00	08:00	mg/mL		4.5	5.5	Filter 0.2 Micron
zoledronic (RECLAST)	X	X	mg	4	5		5 mg / 100 mL (0.05 mg / mL)	X		00:15		02:00	00:15	n/a				
zoledronic (ZOMETA)	X	X	mg	2	4		4 mg / 100 mL (0.04 mg / mL)	X		00:15		02:00	00:15	n/a				
							--- mg / --- mL	X		00:15		02:00	00:15	mg/mL		0.03	0.05	

2.7.6 Fluids

Fluids - Oncology							Clinical Ads. Name
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X		1	999		
IVF + KCL 10 mEq/L	Yes	X		1	999		
IVF + KCL 20 mEq/L	Yes	X		1	500		
IVF + KCL 30 mEq/L	Yes	X		1	333	350	
IVF + KCL 40 mEq/L	Yes	X		1	250	275	
..Maint IVF+Additives	Yes	X		1	500		
Bicarb Drip	Yes	X		1	250		
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X		20	500		Dedicated IV Line
Blood (platelets)	Yes	X	X	20	300		Dedicated IV Line
Blood (PRBCs)	No	X		15	500		Dedicated IV Line
Blood (whole)	No	X		20	200		Dedicated IV Line
Blood Reinfusion	No	X		1	999		
Dextrose 10%	Yes	X		1	250		
Lipids 20%	No	X		8	42		
Sodium Chlor 3%	Yes	X		1		125	
TPN	No	X		15	175	250	1.2 micron filter
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.7.7 PCA Drugs

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 600 mcg / 30 mL (20 mcg / mL)					
fentaNYL	1,500 mcg / 30 mL (50 mcg / mL)					
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	10	50	150	10	Dosing Units mcg
Continuous Dose / h	n/a	10	50	400		
Bolus Dose	n/a	10	50	150	n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	10	50	200	n/a	
Lockout Interval (minutes)		5	15	n/a	8	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	400	600			

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 6 mg / 30 mL (0.2 mg / mL)					
HYDRomorphone						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.1	0.6		0.2	Dosing Units mg
Continuous Dose / h	n/a	0.1	0.4			
Bolus Dose	n/a	0.1	0.3		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.1	1		n/a	
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	1	6			

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 1 mg / 1 mL (1 mg / mL)					
HYDRomorphone 1MG/ML						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	0.1	1			No
Continuous Dose / h	n/a	0.2	4			Dosing Units mg
Bolus Dose	n/a	0.1	1		n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.1	1		n/a	Yes
Lockout Interval (minutes)		6	15	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	25			2nd RN to verify

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 30 mg / 30 mL (1 mg / mL)					
morphine						
Concentration Limits	Conc. Units			Hard Min	Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol:
PCA Dose	n/a	0.1	4	8	1	No
Continuous Dose / h	n/a	0.5	6	10	1	Dosing Units mg
Bolus Dose	n/a	0.5	8	10	n/a	Max Accum. Includes Bolus?
Loading Dose	n/a	0.5	8	10	n/a	Yes
Lockout Interval (minutes)	5	6	30	n/a	10	Clinical Advisory Name
Max Acc. Dose Range / 4 h	n/a	2	50			2nd RN to verify

PCA Drugs - Oncology						
Drug Name Therapy	Concentrations: 5 mg / 1 mL (5 mg / mL)					
morphine 5 MG/ML						
Concentration Limits	Conc. Units		Hard Min		Soft Min	Soft Max
	n/a					
Limits	Hard Min	Soft Min	Soft Max	Hard Max	Initial Value	PCA Pause Protocol: No
PCA Dose	n/a	0.2	4			Dosing Units mg
Continuous Dose / h	n/a	0.5	30			
Bolus Dose	n/a	0.5	10		n/a	Max Accum. Includes Bolus? Yes
Loading Dose	n/a	0.5	10		n/a	
Lockout Interval (minutes)	5	8	30	n/a	10	Clinical Advisory Name 2nd RN to verify
Max Acc. Dose Range / 4 h	n/a	4	75			

2.8 Pediatrics

2.8.1 Continuous/Bolus - Non-Anesthesia Drugs

Continuous/Bolus - Non-Anesthesia Drugs - Pediatrics																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
dexmedetomidine 400 mcg / 100 mL (4 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h	0.05	1.5		0.1									
fentanyl 2,000 mcg / 100 mL (20 mcg / mL) --- mcg / --- mL	X		YES	Continuous mcg/kg/h	0.25	3		0.5									
heparin 25,000 unit / 250 mL (100 unit / mL)	X		N/A	Continuous unit/h	200	2,500	3,500										2nd RN to verify
insulin Non-anesthesia 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL) --- unit / --- mL	X		YES	Continuous unit/h	0.1	25	75										Insulin advisory

Continuous/Bolus - Non-Anesthesia Drugs - Pediatrics																	
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate				Clinical Ads. Name
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	
IVIG 10% 5 gram / 50 mL (0.1 gram / mL) 10 gram / 100 mL (0.1 gram / mL) 20 gram / 200 mL (0.1 gram / mL) --- gram / --- mL	X		YES	Continuous mg/kg/h	25	250	480	25									
midazolam 100 mg / 100 mL (1 mg / mL) --- mg / --- mL	X		YES	Continuous mg/kg/h	0.05	0.12		0.05									
propofol 500 mg / 50 mL (10 mg / mL) 1,000 mg / 100 mL (10 mg / mL)	X		N/A	Continuous mcg/kg/min	25	150	200									12 Hour Tubing	
zz DOBUTamine 500 mg / 250 mL (2 mg / mL)	X		N/A	Continuous mcg/kg/min	2	20										Code only drugs	
zz DOPamine 400 mg / 250 mL (1.6 mg / mL)	X		N/A	Continuous mcg/kg/min	2	20	50									Code only drugs	
zz EPINEPHrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.02	1										Code only drugs	
zz NORepinephrine 4 mg / 250 mL (0.016 mg / mL)	X		N/A	Continuous mcg/kg/min	0.02	2										Code only drugs	

2.8.2 Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Pediatrics						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
dexmedetomidine WeightBased	X		mcg/mL	1.9		5
fentanyl WeightBased	X		mcg/mL	15	18	50
insulin Non-anesthesia NonWeightBased	X		unit/mL	0.9		1.1
IVIG 10% WeightBased	X		mg/mL*	99		101

Continuous/Bolus - Non-Anesthesia Drugs - Concentration Limits - Pediatrics						
Drug Name Therapy Dosing Method	Module		Concentration Limits			
	P	S	Conc. Units	Hard Min	Soft Min	Soft Max
midazolam WeightBased	X		mg/mL	0.2		1

* Units Only concentration and Dosing Units have different units of measure.

2.8.3 Continuous/Bolus - Anesthesia Only Drugs

Continuous/Bolus - Anesthesia Only Drugs - Pediatrics																
Drug Name Therapy Concentrations	Module		Conc. Limits	Dosing Units	Continuous				Bolus				Bolus Dose Administration Rate			
	P	S			Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value	Soft Min	Soft Max	Hard Max	Initial Value
insulin Anesthesia only 100 unit / 100 mL (1 unit / mL) 150 unit / 150 mL (1 unit / mL)	X	X	N/A	Continuous unit/h	0.1	25	75									

2.8.4 Continuous/Bolus - Anesthesia Only Drugs - Concentration Limits

No drugs exist in this section.

2.8.5 Intermittent Drugs

Intermittent Drugs - Pediatrics																		
Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
Acetaminophen pt weight < 50kg	X	X	mg/kg	10		17	--- mg / --- mL	X		00:10		00:30	00:15	mg/mL	9.9		10.1	Acetaminophen doses
Acetaminophen pt weight >= 50kg	X	X	mg	650		1,000	1,000 mg / 100 mL (10 mg / mL)	X		00:10		00:30	00:15	n/a				
acetaZOLAMIDE pt weight < 40kg	X	X	mg/kg	4	6		--- mg / --- mL	X			00:10	01:00		mg/mL	95		105	
acetaZOLAMIDE pt weight >= 40kg	X	X	mg	150	250	330	--- mg / --- mL	X			00:10	01:00		mg/mL	95		105	
acetylcysteine First Dose	X	X	gram/kg	0.1	0.3		--- gram / --- mL	X			03:30	05:00	04:00	gram/mL		0.01	0.05	
acetylcysteine Second Dose	X	X	gram/kg	0.05	0.15		--- gram / --- mL	X			13:20	18:00	16:00	gram/mL		0.003	0.02	
acyclovir	X	X	mg/kg	4	25		--- mg / --- mL	X		00:40	00:50	03:00	01:00	mg/mL	2		7	Filter 0.2 Micron
albumin 25% pt weight < 40kg	X	X	gram/kg	0.75	1.5	2	--- gram / --- mL	X	X	00:40	00:50	06:00		gram/mL		0.24	0.26	

Intermittent Drugs - Pediatrics

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
albumin 25% <i>pt weight >= 40kg</i>	X	X	gram	12.5	50		12.5 gram / 50 mL (0.25 gram / mL)	X	X	00:40	00:50	06:00		n/a				
							25 gram / 100 mL (0.25 gram / mL)	X	X	00:40	00:50	06:00		n/a				
							--- gram / --- mL	X	X	00:40	00:50	06:00		gram/mL		0.24	0.26	
albumin 5%	X	X	gram/kg	0.1	1.7		--- gram / --- mL	X	X		00:50	06:00		gram/mL		0.04	0.06	
amikacin	X	X	mg/kg	4	22	35	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		4	11	
AMINOphylline	X	X	mg/kg	0.6	9		--- mg / --- mL	X		00:02	00:10	01:30	00:30	mg/mL		4.5	5.5	
ampho B (LIPOSOMAL)	X	X	mg/kg	2.6	11.5		--- mg / --- mL	X		00:40	00:50	05:00	02:00	mg/mL		1.5	2.5	D5W and light
ampicillin <i>pt weight < 40kg</i>	X	X	mg/kg	20	100	110	--- mg / --- mL	X	X	00:03	00:08	01:30	00:30	mg/mL		5	100	
ampicillin <i>pt weight >= 40kg</i>	X	X	gram	0.25	3		--- gram / --- mL	X	X	00:03	00:08	01:30	00:30	gram/mL		0.005	0.1	
ampicillin/sulbact <i>pt weight < 40kg</i>	X	X	mg/kg	40	67.75	70	--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		25	35	
ampicillin/sulbact <i>pt weight >= 40kg</i>	X	X	gram	0.25	3		1.5 gram / 50 mL (0.03 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.005	0.06	
azithromycin <i>pt weight < 50kg</i>	X	X	mg/kg	5	12		--- mg / --- mL	X		01:00	01:30	03:00	02:00	mg/mL		0.9	2.2	
azithromycin <i>pt weight >= 50kg</i>	X	X	mg	250	500		500 mg / 250 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							--- mg / --- mL	X			00:45		02:00	01:00	mg/mL		0.5	2.5
aztreonam <i>pt weight < 60kg</i>	X	X	mg/kg	25	35	37	--- mg / --- mL	X	X	00:10	00:15	02:00	00:30	mg/mL		5	30	
aztreonam <i>pt weight >= 60kg</i>	X	X	gram	0.4	2		1 gram / 50 mL (0.02 gram / mL)	X		00:10	00:15	02:00	00:30	n/a				
							2 gram / 100 mL (0.02 gram / mL)	X		00:10	00:15	02:00	00:30	n/a				
							--- gram / --- mL	X		00:10	00:15	02:00	00:30	gram/mL		0.01	0.04	
caffeine citrate	X	X	mg/kg	3	41		--- mg / --- mL	X	X	00:03	00:08	02:00		mg/mL		5	22	
calcium gluconate <i>pt weight < 40kg</i>	X	X	mg	100	500	1,000	--- mg / --- mL	X		00:15		01:30	01:00	mg/mL		4	20	
calcium gluconate <i>pt weight >= 40kg</i>	X	X	mg	500	2,000	3,000	--- mg / --- mL	X	X	00:15		06:00	01:00	mg/mL		10	51	
caspoFUNGIN <i>pt weight < 60kg</i>	X	X	mg/kg	1	2		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
caspoFUNGIN <i>pt weight >= 60kg</i>	X	X	mg	50	90		--- mg / --- mL	X	X	00:40	00:50	03:00		mg/mL		0.05	0.55	
ceFAZolin <i>pt weight < 60kg</i>	X	X	mg/kg	9	33		--- mg / --- mL	X	X		00:20	01:00	00:30	mg/mL		10	102	

Intermittent Drugs - Pediatrics

Drug Name Therapy	Available As		Total Dose Limits			Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max		Hard Max	P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min		Soft Max
ceFAZolin <i>pt weight >= 60kg</i>	X	X	gram	0.25	2													
						1 gram / 50 mL (0.02 gram / mL)	X			00:20	01:00	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:20	01:00	00:30	n/a					
						--- gram / --- mL	X			00:20	01:00	00:30	gram/mL		0.005	0.04		
cefePIME <i>pt weight < 40kg</i>	X	X	mg/kg	38	52.5	60												
						--- mg / --- mL	X	X		00:20	02:00	00:30	mg/mL		10	100		
cefePIME <i>pt weight >= 40kg</i>	X	X	gram	0.25	2													
						1 gram / 50 mL (0.02 gram / mL)	X			00:20	02:00	00:30	n/a					
						2 gram / 100 mL (0.02 gram / mL)	X			00:20	02:00	00:30	n/a					
						--- gram / --- mL	X			00:20	02:00	00:30	gram/mL		0.005	0.1		
cefOXitin <i>pt weight < 50kg</i>	X	X	gram/kg	0.025	0.042	0.05												
						--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04		
cefOXitin <i>pt weight >= 50kg</i>	X	X	gram	0.25	2													
						1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a					
						2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:30	00:30	n/a					
						--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04		
ceftAROLine	X	X	mg/kg	5	13													
						--- mg / --- mL	X	X		00:25	01:00	00:30	mg/mL		7	9		
ceftAZidime <i>pt weight < 40kg</i>	X	X	gram/kg	0.025	0.052	0.055												
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.005	0.04		
ceftAZidime <i>pt weight >= 40kg</i>	X	X	gram	0.25	2													
						1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
						--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.01	0.04		
cefTRIAxone <i>pt weight < 40kg</i>	X	X	gram/kg	0.02	0.05													
						--- gram / --- mL	X			00:20	01:30	00:30	gram/mL		0.001	0.02		
cefTRIAxone <i>pt weight >= 40kg</i>	X	X	gram	0.25	2													
						1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:30	00:30	n/a					
						2 gram / 50 mL (0.04 gram / mL)	X			00:25	01:30	00:30	n/a					
						--- gram / --- mL	X			00:25	01:30	00:30	gram/mL		0.01	0.04		
cefTRIAxone Syringe	X		mg/kg	10		111												
						--- mg / --- mL		X		00:20	01:30	00:30	mg/mL		30	50		
cidofovir	X	X	mg/kg	0.85	5.5													
						--- mg / --- mL	X	X	00:20	00:40	03:00		mg/mL		0.03	8.5	Fluid Bolus	
CIPROfloxacin <i>pt weight < 30kg</i>	X	X	mg/kg	5	13.8	15												
						--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		1	3		
CIPROfloxacin <i>pt weight >= 30kg</i>	X	X	mg	200		400												
						200 mg / 100 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a					
						400 mg / 200 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a					
						--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		0.5	2		
CLINDAmycin <i>pt weight < 60kg</i>	X	X	mg/kg	5	10	14												
						--- mg / --- mL	X	X	00:15		01:00	00:30	mg/mL		3	19		
CLINDAmycin <i>pt weight >= 60kg</i>	X	X	mg	300	900	1,200												
						300 mg / 50 mL (6 mg / mL)	X		00:15		01:00	00:30	n/a					
						600 mg / 50 mL (12 mg / mL)	X		00:15		01:00	00:30	n/a					
						900 mg / 50 mL (18 mg / mL)	X		00:15		01:00	00:30	n/a					
						--- mg / --- mL	X		00:15		01:00	00:30	mg/mL		3	19		

Intermittent Drugs - Pediatrics

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name	
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max		
desmopressin	X	X	mcg	0.01	4		--- mcg / --- mL	X	X	00:05	00:10	01:00		mcg/mL		0.001	0.55		
desmopressin	X	X	mcg/kg	0.001	0.35	0.5	--- mcg / --- mL	X		00:05	00:10	01:00		mcg/mL		0.001	0.55		
ertapenem <i>pt age <= 13 years</i>	X	X	mg/kg	10	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25		
ertapenem <i>pt age >= 13 years</i>	X	X	gram	0.5	1		1 gram / 50 mL (0.02 gram / mL)	X			00:25	01:00	00:30	n/a					
erythromycin	X	X	mg	100	1,000		250 mg / 100 mL (2.5 mg / mL)	X			00:30	01:30	01:00	n/a					
							500 mg / 100 mL (5 mg / mL)	X			00:30	02:00	01:30	n/a					
							--- mg / --- mL	X			00:30	02:00	01:30	mg/mL		1	5		
fluCONazole <i>pt weight < 60kg</i>	X	X	mg/kg	3	12		--- mg / --- mL	X		00:55		03:00		mg/mL	1.9		2.1		
fluCONazole <i>pt weight >= 60kg</i>	X	X	mg	100	800		100 mg / 50 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a					
							200 mg / 100 mL (2 mg / mL)	X			00:50	02:00	01:00	n/a					
							400 mg / 200 mL (2 mg / mL)	X			01:30	03:00	02:00	n/a					
							--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		1	3		
fomepizole	X	X	mg/kg	8	15		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		3	15		
fosphenytoin	X	X	mg	25	1,500		100 mg / 50 mL (2 mg / mL)	X		00:05	00:08	00:30	00:20	n/a					
							--- mg / --- mL	X			00:05	00:08	00:30	00:20	mg/mL		5	30	
fosphenytoin	X	X	mg/kg	2	11.5	29	--- mg / --- mL	X	X	00:05	00:08	01:00	00:30	mg/mL		5	30		
GANCiclovir	X	X	mg/kg	0.5	8		--- mg / --- mL	X		00:40	00:50	03:00	01:00	mg/mL		5	10		
gentamicin	X	X	mg	40	360		80 mg / 50 mL (1.6 mg / mL)	X			00:25	01:00	00:30	n/a					
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	0.5		10		
gentamicin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1		
imipenem/cilastatin <i>pt weight < 40kg</i>	X	X	mg/kg	5	25		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25		
imipenem/cilastatin <i>pt weight >= 40kg</i>	X	X	mg	500	1,000		500 mg / 100 mL (5 mg / mL)	X			00:25	01:00	00:30	n/a					
							1,000 mg / 250 mL (4 mg / mL)	X			00:45	01:30	01:00	n/a					
							--- mg / --- mL	X			00:25	01:00	00:30	mg/mL		5	25		
Lacosamide	X	X	mg	45		250	50 mg / 50 mL (1 mg / mL)	X		00:20		01:30	00:30	n/a					
							100 mg / 50 mL (2 mg / mL)	X			00:20		01:30	00:30	n/a				
							--- mg / --- mL	X			00:20		01:30	00:30	mg/mL	0.9		5	
levETIRAcetam	X	X	mg	250	1,500	3,000	--- mg / --- mL	X	X	00:10		00:30	00:15	mg/mL		2.5	15		
levETIRAcetam	X		mg/kg	9	11	33	--- mg / --- mL		X		00:12	00:20	00:15	mg/mL	9		11		
levoFLOXacin <i>pt weight < 50kg</i>	X	X	mg/kg	4	10		--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		2.5	6		
levoFLOXacin	X	X	mg	250	750		250 mg / 50 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a					

Intermittent Drugs - Pediatrics

Drug Name Therapy	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
<i>pt weight >= 50kg</i>							500 mg / 100 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a				
							750 mg / 150 mL (5 mg / mL)	X		00:45		02:00	01:00	n/a				
linezolid <i>pt weight < 60kg</i>	X	X	mg/kg	4	11		--- mg / --- mL	X	X	00:45		02:00	01:00	mg/mL		1	3	
linezolid <i>pt weight >= 60kg</i>	X	X	mg	400	600		600 mg / 300 mL (2 mg / mL)	X		00:45		02:00	01:00	n/a				
							--- mg / --- mL	X		00:45		02:00	01:00	mg/mL		1	3	
magnesium sulfate							1 gram / 100 mL (0.01 gram / mL)	X			00:50	02:30		n/a				
	X	X	gram/kg	0.025	0.05		2 gram / 100 mL (0.02 gram / mL)	X			00:50	02:30		n/a				
							--- gram / --- mL	X			00:50	04:00		gram/mL		0.005	0.03	
meropenem <i>pt weight < 50kg</i>	X	X	mg/kg	6.8	44		--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		5	55	
meropenem <i>pt weight >= 50kg</i>							500 mg / 50 mL (10 mg / mL)	X			00:25	02:00	00:30	n/a				
	X	X	mg	500	2,000		1,000 mg / 50 mL (20 mg / mL)	X			00:25	02:00	00:30	n/a				
							--- mg / --- mL	X			00:25	02:00	00:30	mg/mL		5	55	
methylPREDNISolone	X	X	mg/kg	2	30		--- mg / --- mL	X			00:50	05:00		mg/mL		3	130	
metoCLOPramide	X	X	mg	5	10		--- mg / --- mL	X			00:10	00:30	00:15	mg/mL		0.1	0.2	
metoCLOPramide	X	X	mg/kg	0.07	3		--- mg / --- mL	X			00:03	00:30	00:15	mg/mL		1	6	
metronIDAZOLE	X	X	mg/kg	7	16		--- mg / --- mL	X	X		00:15	03:00	00:30	mg/mL		4	6	
miconazole <i>pt weight < 40kg</i>	X	X	mg/kg	0.85	4.5		--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		0.4	1.7	
miconazole <i>pt weight >= 40kg</i>	X	X	mg	40	150		--- mg / --- mL	X	X	00:40	00:50	03:00	01:00	mg/mL		0.4	1.7	
nafcillin <i>pt weight < 40kg</i>	X	X	mg/kg	20	52		--- mg / --- mL	X			00:30	01:30	01:00	mg/mL		10	40	
nafcillin <i>pt weight >= 40kg</i>							1 gram / 50 mL (0.02 gram / mL)	X			00:30	02:00	01:00	n/a				
	X	X	gram	0.2	2		2 gram / 100 mL (0.02 gram / mL)	X			00:30	02:00	01:00	n/a				
							--- gram / --- mL	X			00:30	02:00	01:00	gram/mL		0.01	0.04	
ondansetron	X	X	mg/kg	0.1	0.5		--- mg / --- mL	X	X		00:10	01:00	00:30	mg/mL		0.001	4.2	
pentamidine	X	X	mg/kg	3.8	4.2		--- mg / --- mL	X			00:50	03:30	01:00	mg/mL		0.08	1	
PHENobarbital	X	X	mg/kg	0.5	7.5		--- mg / --- mL	X	X	00:05	00:08	02:00		mg/mL		60	135	
piperacillin/tazo <i>pt weight < 30kg</i>	X	X	gram/kg	0.03	0.115		--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.02	0.085	
piperacillin/tazo <i>pt weight >= 30kg</i>	X	X	gram	2	3.4		3.375 gram / 50 mL (0.0675 gram / mL)	X			00:25	01:00	00:30	n/a				

Intermittent Drugs - Pediatrics

Drug Name <i>Therapy</i>	Available As		Total Dose Limits				Concentrations	Module		Duration Limits (hh:mm)				Concentration Limits				Clinical Ads. Name
	Pri.	Sec.	Dosing Units	Soft Min	Soft Max	Hard Max		P	S	Hard Min	Soft Min	Soft Max	Initial Value	Conc. Units	Hard Min	Soft Min	Soft Max	
							3.375 gram / 100 mL (0.0338 gram / mL)	X			00:25	01:00	00:30	n/a				
							--- gram / --- mL	X			00:25	01:00	00:30	gram/mL		0.02	0.085	
potassium chloride	X	X	mEq/kg	0.4	2		10 mEq / 100 mL (0.1 mEq / mL)	X		00:50	01:00	04:00	n/a					
							20 mEq / 100 mL (0.2 mEq / mL)	X		01:50	02:00	04:00	n/a					
							--- mEq / --- mL	X		00:50	01:20	06:00	mEq/mL		0.05	0.2		
procainamide	X	X	mg/kg	10	16	17	--- mg / --- mL	X		00:20	00:25	01:00	00:30	mg/mL	1	3	20	
remdesivir <i>pt weight < 40kg</i>	X	X	mg/kg	2.2	5.2		--- mg / --- mL	X			00:20	03:00		mg/mL		1.1	1.5	
remdesivir <i>pt weight >= 40kg</i>	X	X	mg	95	250		100 mg / 100 mL (1 mg / mL)	X			00:45	02:00	01:00	n/a				
							200 mg / 100 mL (2 mg / mL)	X			00:45	02:00	01:00	n/a				
rifampin <i>pt weight < 60kg</i>	X	X	mg/kg	4.3	23		--- mg / --- mL	X	X	00:20	00:25	03:00		mg/mL		2	7	
rifampin <i>pt weight >= 60kg</i>	X	X	mg	300	600		--- mg / --- mL	X	X	00:20	00:25	03:00		mg/mL		2	7	
sulfamethoxazole-TMP	X	X	mg/kg	1.5	6		--- mg / --- mL	X		00:40		02:00	01:00	mg/mL		0.04	1	
TOBRAMycin	X	X	mg	40	360		--- mg / --- mL	X			00:25	01:00	00:30	mg/mL	0.5		10	
TOBRAMycin	X		mg/kg	2		8	--- mg / --- mL		X		00:25	01:00	00:30	mg/mL	1.9		2.1	
Tranexamic Acid <i>Loading Dose</i>	X	X	mg	40		1,000	1,000 mg / 100 mL (10 mg / mL)	X			00:09	00:20	00:10	n/a				
							--- mg / --- mL	X			00:09	00:20	00:10	mg/mL		1.5	10	
Tranexamic Acid <i>Subsequent Doses</i>	X	X	mg	40		1,000	1,000 mg / 100 mL (10 mg / mL)	X			05:00	10:00	08:00	n/a				
							--- mg / --- mL	X			05:00	10:00	08:00	mg/mL		1.5	10	
valproate sodium	X	X	mg/kg	2.5	20	25	--- mg / --- mL	X		00:40	00:50	02:00	01:00	mg/mL		5	25	
VANCOmycin	X	X	mg/kg	5	25		--- mg / --- mL	X	X		00:30	03:30		mg/mL		0.2	5	
VORiconazole	X	X	mg/kg	2.6	6.9		--- mg / --- mL	X	X		00:50	02:10		mg/mL		0.4	5.5	
zidovudine	X	X	mg/kg	0.8	2.3		--- mg / --- mL	X			00:25	03:00	00:30	mg/mL		2	4	

2.8.6 Fluids

Fluids - Pediatrics							
Fluid Name <i>Therapy</i>	Supports Secondary	Module		Rate Limits (mL/h)			Clinical Ads. Name
		P	S	Soft Min	Soft Max	Hard Max	
..Maintenance IVF	Yes	X	X	0.1	500		
.IVF + KCL 10 mEq/L	Yes	X	X	0.1	200		
.IVF + KCL 20 mEq/L	Yes	X	X	0.1	200		
.IVF + KCL 30 mEq/L	Yes	X	X	0.1	200	350	
.IVF + KCL 40 mEq/L	Yes	X	X	0.1	200	275	
Blood (Cryoprecipit)	No	X	X	10	300		
Blood (FFP)	No	X	X	0.1	50		
Blood (platelets)	Yes	X	X	5	300		Dedicated IV Line
Blood (PRBCs)	No	X	X	0.1	50		
Blood (whole)	No	X		5	200		Dedicated IV Line
Dextrose 10%	Yes	X	X	1	50		
Lipids 20%	No	X	X	0.1	42		
TPN	No	X		15	100	150	
TPN - Cyclic	No	X		15	250	300	Central Line Only

2.8.7 PCA Drugs

No drugs exist in this section.

3. Configuration Settings

3.1 PC Unit

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Alarm Audio Profile	Profile 1	Profile 1	Profile 1	Profile 1	Profile 1	Profile 1	Profile 1	Profile 1
Minimum Audio Volume	1	1	1	1	1	1	1	1
Default Audio Volume	3	5	5	5	5	3	5	5
Anesthesia Mode	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Battery Meter Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Color Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Key Click Audio	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Limit Checking	Always	Always	Always	Always	Always	Always	Always	Always
Max Patient BSA (m ²)	3	3	3	3	3	3	3	3
Max Patient Weight (kg)	500	500	500	500	500	9	500	58
Patient ID Entry	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Preventive Maintenance Reminder	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Tamper Resistant	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Authorized User Mode	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
No Guardrails Basic Infusion Clinical Advisory	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Clinical Advisory Message: This infusion selection DOES NOT have Guardrails Protection								

3.2 Pump Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Accumulated Air-In-Line	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Air-In-Line (microliter)	75	175	175	175	175	50	75	75
Auto-Restart Attempts	0	3	3	3	3	0	0	3
KVO Rate Adjust (mL/h)	1	5	5	5	5	1	1	5
Max Occlusion Pressure (mmHg)	425	525	525	525	525	525	425	525
Default Pressure (mmHg)	425	525	525	525	525	525	425	525
Maximum Rate (mL/h)	999	999	999	999	999	200	999	999
Maximum VTBI (mL)	3,100	3,100	3,100	3,100	3,100	499	3,100	2,050
Pressure Mode Lock Status	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked	Unlocked
Pressure Mode Selection	Pump	Pump	Pump	Pump	Pump	Pump	Pump	Pump
Secondary Infusion	Enabled	Enabled	Enabled	Enabled	Enabled	Disabled	Enabled	Enabled
SEC-PRI Audio Alert	Disabled	Disabled	Disabled	Disabled	Disabled	n/a	Disabled	Disabled

3.3 Syringe Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
All Mode	Enabled	Enabled	Enabled	Enabled	Enabled	Disabled	Enabled	Enabled
Auto Occlusion Pressure	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Back-Off After Occlusion	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Fast-Start	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
KVO Option	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
KVO Rate Adjust (mL/h)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
KVO Volume Adjust (%)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Near End of Infusion (Continuous, Fluids, Basic)	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Alert Time (Continuous, Fluids, Basic) (minutes)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Near End of Infusion (Intermittent)	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Alert Time (Intermittent) (minutes)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Occlusion Pressure Limit With Disc (mmHg)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Occlusion Pressure Limit No Disc	High	High	High	High	High	High	High	High
Priming	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled

3.4 Shared Infusion Settings (Pump and Syringe)

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Delay Start Options	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Delay Start Callback	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter	BeforeAndAfter
Drug Calculation	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Drug Calculation Bolus Dose	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Pressure Dynamic Display	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Volume/Duration	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled

3.5 PCA Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Bolus Delivery Rate (mL/h)	150	150	150	150	150	150	150	150
Dose Request Cord (Profile)	1	1	1	1	1	2	1	2
Max Dose Limit	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Max Dose Limit Time Window (h)	4	4	4	4	4	1	4	1
Module Location Enforcement	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Near End of Infusion	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Near End Of Infusion Alert Time (%)	5	5	5	5	5	5	5	5
Pressure Limit	High	High	High	High	High	High	High	High
Priming	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled
Security Access Level	1	1	1	1	1	1	1	1
Security Code	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

3.6 Shared Infusion Settings (PCA and Syringe)

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Maximum Rate (mL/h)	999	999	999	999	999	200	999	999
NEOI Snooze	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
NEOI Snooze Time (minutes)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

3.7 EtCO₂ Module

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Alarm Limit Type	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult
EtCO ₂ High (mmHg)	60	60	60	60	60	60	60	60
EtCO ₂ Low (mmHg)	10	10	10	10	10	10	10	10
Respiratory Rate High (bpm)	35	35	35	35	35	35	35	35
Respiratory Rate Low (bpm)	6	6	6	6	6	6	6	6
No CO ₂ Alarm (Seconds)	30	30	30	30	30	30	30	30
FiCO ₂ High (mmHg)	8	8	8	8	8	8	8	8
Waveform Time Scale (Seconds)	5	5	5	5	5	10	5	10

3.8 PCA Pause Protocol

3.8.1 PCA Pause Protocol Settings

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
PCA Pause Protocol Enabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled
Available for	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Monitoring Module Attachment Enforcement	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PCA Pause Protocol: PCA Infusion has paused due to a decline in respiratory status. Check Patient!								

3.8.2 PCA Pause Protocol (EtCO₂) Settings

	Ambulatory Oncology	Critical Care	Education	L & D	Med Surg	NICU	Oncology	Pediatrics
Settings								
Resp. Rate Lower Limit (bpm)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Resp. Rate Initial Value (bpm)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

4. Channel Labels

Channel labels are not used

Appendices

Appendix A Syringe Favorites List

Syringe Favorites			
Syringe Type	Included?	Minimum Recommended Flow Rate	Minimum Recommended Bolus Volume
BD Plastipak 1 mL	X	0.1 mL/h	0.2 mL
BD Plastipak 3 mL	X	0.1 mL/h	0.2 mL
BD Plastipak 5 mL	X	0.1 mL/h	0.2 mL
BD Plastipak 10 mL	X	0.1 mL/h	0.2 mL
BD Plastipak 20 mL	X	1 mL/h	0.2 mL
BD Plastipak 30 mL	X	1 mL/h	0.2 mL
BD Plastipak 50 mL	X	1 mL/h	0.2 mL
Monoject 12 mL	X	0.1 mL/h	0.2 mL
Monoject 35 mL	X	1 mL/h	0.2 mL
Monoject 60 mL	X	1 mL/h	0.2 mL
Terumo 10 mL	X	0.1 mL/h	0.2 mL

Appendix B PCA Syringe Favorites List

PCA Syringe Favorites			
Syringe Type	Included?	Minimum Recommended Flow Rate	Minimum Recommended Bolus Volume
BD Plastipak 20 mL	X	1 mL/h	0.2 mL
BD Plastipak 30 mL	X	1 mL/h	0.2 mL
BD Plastipak 50 mL	X	1 mL/h	0.2 mL
Monoject 35 mL	X	1 mL/h	0.2 mL
Monoject 60 mL	X	1 mL/h	0.2 mL

Appendix C Clinical Advisories List

Clinical Advisories	
Advisory Name	Clinical Advisory Text
1.2 micron filter	Use 1.2 micron filter
12 Hour Tubing	Tubing must be changed every 12 hours
1unit=1million	1 unit = 1 million units
2nd RN to verify	2 RNs to verify and document concentration and programming prior to infusion.
Acetaminophen doses	Acetaminophen doses dispensed that are less than 1,000 mg are to be dispensed as exact doses for infusion.
Aralast/Glassia rate	4 mg/kg/min equals a rate of 0.2 mL/kg/minute.
Bolus	The first 30 min of this infusion are given under the bolus feature. Be sure to select bolus before starting the infusion. Infusion requires the use of an in-line 0.22 micron filter.
Calcium Precipitate	Do not infuse Calcium and Phosphate though the same line.
Central Line Only	Run through a CENTRAL line only.
Central preferred	Central line administration preferred. When administration via peripheral site change site every 12 hours. Do not mix with other agents in IV line.

Clinical Advisories	
Advisory Name	Clinical Advisory Text
Code only drugs	This selection is reserved for use during Code Blue, ACLS or PALS events. DO NOT USE for routine infusions!
CrCl < 50 mL/min	Maximum dose in patients with CrCl less than 50 mL/min is 1 mcg/kg/min up to 7.5 mg/hour.
CrCl > 50 mL/min	Dosing for patients with CrCl greater than 50 mL/min
cytarabine INFUSION	Irritant with vesicant properties. This is not to be used for short infusions. If this is a 2 hour infusion, select cytarabine IVPB.
cytarabine IVPB	Irritant with vesicant properties. This selection is not to be used for continuous infusions. Select cytarabine INFUSION if this is a continuous infusion.
D5W and light	Flush with D5W only: NO SALINE. Protect from light.
Dedicated IV Line	Do not infuse any other drugs through this line.
DEHP and Lactate	Irritant with vesicant properties. This medication must be infused via DEHP free tubing and with LACTATED Ringers only
dexRAZOXane cardio	dexRAZOXane for the indication cardioprotection.
dexRAZOXane extravas	dexRAZOXane for the indication extravasation.
Dextrose only	Flush with D5W only: NO SALINE
Elotuzumab	Type the mL/h rate in the RATE field. Do not use the dose field for this medication.
EPOCH	EPOCH= etoposide/ doxorubicin/ vincristine combo. Enter dose of etoposide
Etoposide continuous	Irritant with vesicant properties. This is not to be used for short infusions. If this is a 1 hour infusion, select etoposide. Infuse through 0.2 micron filter and low-sorbing tubing.
Etoposide IVPB	Irritant with vesicant properties. This selection is not to be used for continuous infusions. Select Etoposide CONT INFUS if its continuous infusion. Filter 0.2 micron and low-sorbing tubing.
fam-trastuzumab deru	Do not mix with sodium chloride solutions. Use low-sorbing tubing with 0.2 micron filter (paclitaxel tubing). Protect from light.
Fentanyl NICU vial	Note this is the concentrated fentanyl in the amp or vial. IF you are using a premixed syringe, select another program.
Fentanyl premixed sy	Note this is program is for the premixed syringe from pharmacy. If you are using the vials or amps select a different program.
Filter 0.2 Micron	Infusion requires the use of an in-line 0.2 micron filter
Filter and light	In-line 0.2 micron filter required and protection from light.
filter low-sorbing	Infuse via a low-sorbing 0.2 micron filter
Filter/hypersen/D5W	Flush with D5W only, NO SALINE. Infusion requires use of a 0.2 micron in-line filter. Risk of hypersensitivity: check vital signs frequently during infusion.
Filter/hypersensitiv	Infusion requires the use of an in-line 0.2 micron filter. Risk of hypersensitivity: check vital signs frequently during infusion. 2nd RN to verify pump programming.
Filter1.2/hypersens	Infusion requires the use of a 1.2 micron in-line filter. Risk of hypersensitivity. Check vital signs frequently during infusion.
Flolan	The weight must be the dosing weight for this drug. Check the MAR for this weight. Infusion requires in-line 0.22 micron filter and protect from light. Dual sign-off required.
Fluid Bolus	Administer a fluid bolus prior to starting the cidofovir infusion.
Glycophos	Sodium glycerophosphate is the generic name for Glycophos, is this the product you are administering? Needs to infuse over a minimum of 8 hours.
Heparin	Monitor PTT. Do not administer other drugs through same IV line.
heparin flush bag	This heparin is for procedural use only.
High Risk	This is a HIGH RISK medication. 2nd RN to verify prior to initiating therapy.
Hypersensitivity	Risk of hypersensitivity. Check vital signs frequently during infusion.
Impella advisory	Impella pump solution: Dextrose 20% -Heparin 50 units/mL: 50 units/hour = 1 mL/hour 400 units/hour = 8 mL/hour
inotuzumab	Protect from light. Monitor vital signs for first dose only.
Insulin advisory	2 RNs to verify and document concentration and programming prior to infusion. NOTE: waste 50 mL of infusion through tubing prior to infusing on patient.
Irr w/ ves filter	Irritant with vesicant properties. Infusion requires the use of an in-line 0.2 micron filter.
Irr w/ ves low-sorb	Irritant with vesicant properties. Use low-sorbing tubing only.
Irritant	Drug is an irritant.
Irritant and DEHP	Irritant with vesicant properties. This medication must be infused using DEHP FREE tubing.

Clinical Advisories	
Advisory Name	Clinical Advisory Text
Irritant and light	Irritant with vesicant properties. Protect this drug from light.
Irritant w/ vesicant	Irritant with vesicant properties.
Irritant, dextrose	Irritant with vesicant properties. Flush with D5W only: NO SALINE.
KCL warning	20 mEq/50 mL is for central line administration only. Contact pharmacy for different concentration if only peripheral access site available
Light -drug/tubing	Protect drug and tubing from light.
Low sorb and filter	Use low-sorbing filter between 0.2 - 1.2 micron on infusion line.
Low-Sorbing	This medication must be infused using low-sorbing tubing.
Low-sorbing filter	Must be infused utilizing an in-line 0.2 micron low-sorbing filter.
Magnesium	Magnesium infusion rates: 6 g in 30 minutes = 0.2 g/min 4 g in 20 minutes = 0.2 g/min 2 g in 10 minutes = 0.2 g/min 2 RNs to verify programming prior to infusion.
Midazolam 0.1 mg/mL	NOTE: This is for premixed midazolam 0.1 mg/mL from the pharmacy. If you are using a vial from Pyxis, choose a different program.
Midazolam 1 mg/mL	NOTE: This is midazolam 1 mg/mL from a vial. If you are using a premixed syringe choose a different program.
Morphine NICU AMP	Note this program is for the 1 mg/1 mL concentration AMP or Vial of Morphine. If you are using a premixed syringe select a different program.
Morphine premixed sy	Note: This program is for the premixed 0.1 mg/1 mL morphine from pharmacy. If you are using a product with 1 mg/mL concentration, select a different program.
Neuromuscular BA	*Train of Four Required* Mechanical Ventilation and concurrent Sedation is mandatory.
No filter required	No filter is required for infusion. It is optional.
No flush	Do not flush the line.
Oxaliplatin	Irritant with vesicant properties. Flush with 5%Dextrose solution only, incompatible with saline.
Penicillin G NICU	NOTE: Each 1,000 units of PCN G equals 1 unit on the pump. Thus, enter 150,000 units/3 mL into pump as 150 units/3 mL. Dose of 1,500,000 units would be 1,500 units.
Pertuzumab	Check vitals before and after infusion
pip-tazo warning	This program is intended only for the 4 hour infusion of piperacillin-tazobactam. The VTBI should not be changed and the defaults will deliver dose over correct time.
procainamide Continu	This is used for continuous infusions (mg/min dosing). For short or 30 min infusions, select procainamide LOAD.
procainamide LOAD	This is for short or 30 min infusions. For continuous dosing (mg/min), select procainamide Continu.
Procedure Center Pai	This program is for lidocaine infusions for pain. Doses up to 5 mg/kg over 30-60 minutes. Not for ED
Protect From Light	Protect this drug from light.
Proteinase rate note	4 mg/kg/min as a dose equals a rate of 0.08 mL/kg/min
relatlimab-nivolumab	Dose is mg of nivolumab.
Saline	1 unit=1 mL
Saline only	Incompatible with dextrose containing solutions. Use with saline solutions only.
Stress Test	For STRESS TEST only.
tagraxofusp	0.2 micron filter required. Monitor vitals prior to infusion. Notify provider if SBP 160 or greater, SBP 80 or less, HR 130 or greater, or HR 40 or less.
Tirofiban dosing	Bolus of 25 mcg/kg delivered over 3 minutes = 8.33 mcg/kg/min as the dose.
Treprostinil	The weight used must be the dosing weight for this drug. Check the MAR for the weight used with this drug. Infusion requires in-line 0.22 micron filter. Dual sign-off required.
Veletri	Epoprostenol (VELETRI) for inhalation only. Protect from light. Requires second sign off for pump programming and rate changes.
Vesicant	Drug is a vesicant. Check blood return.
Vesicant and filter	Medication is a Vesicant, check for blood return. Needs 0.2 micron filter and low-sorbing tubing is compatible.